

A very unusual view: the radio vessel Ross Revenge NOT in the international North Sea waters but in Dover harbour...(RBL)

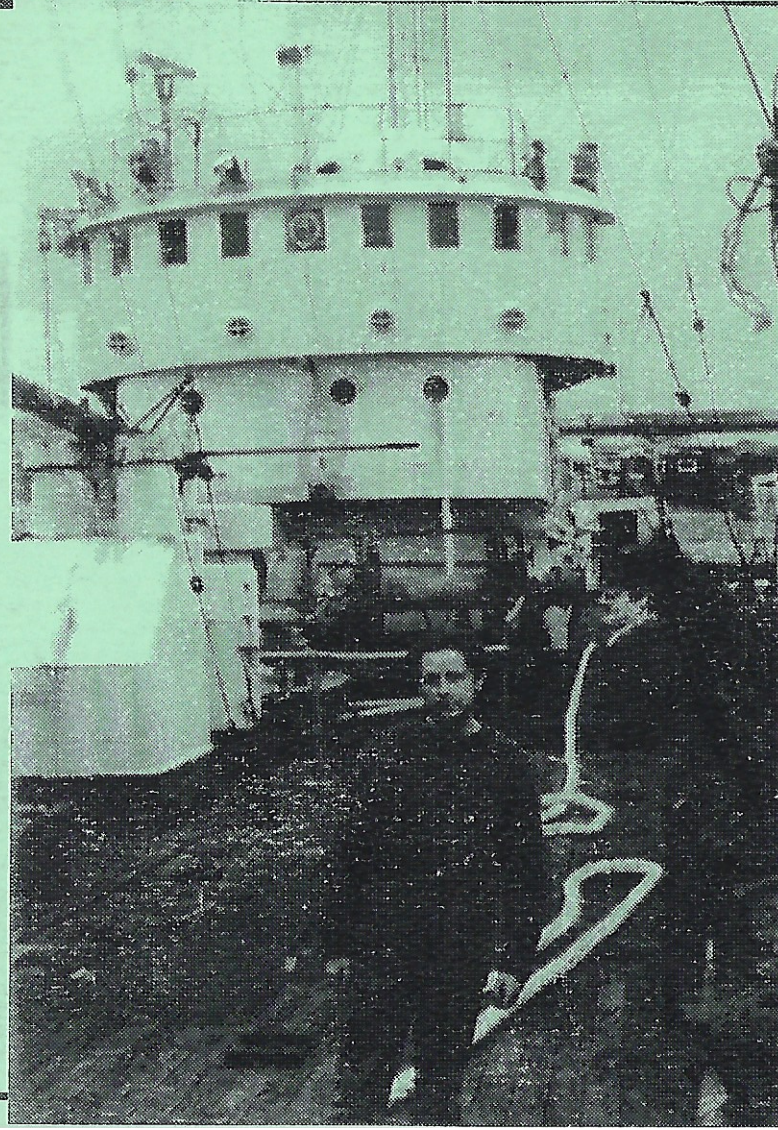
THE magazine for free radio enthusiasts.....

# « FRS \* GOES \* DX »

Volume 10

Issue Number 112/113

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Steve Conway who was the responsible captain on the Ross during the November force gale in front of the Ross Revenge in Dover.



# FRS GOES DX INFO

## COLOPHON

**FRS GOES DX'** is a monthly magazine which informs about radio in general and free radio in particular. It is a publication of FRS-Holland, an independent short wave station.

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All correspondence in connection with the magazine should be sent to:  
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6049 ZG Herten, The Netherlands.  
Do not use the address on the cover !!!

### ADVERTISING

For full or half page advertisements please contact the editor.  
Small ads: non-commercial adverts are free for members.  
Commercial adverts (small) cost DM 3.00 / £ 1.00 / f 3.- / 3 irc's / US\$ 2.00 .

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FEBRUARY 1992

**DEADLINE FOR CONTRIBUTIONS:**

February 9th 1992

### RENEWAL OF SUBSCRIPTION

☐ This is your last issue on account of your current subscription. You are kindly asked to send your renewal without delay in order to be assured of receiving the next issue.

## EDITORIAL

Dear Radiofriends,

The final issue of 1991... Perhaps a milestone in the history of this magazine. I guess this issue exceeds most (all?) other issues. A very varied contents. Don't ask me how we managed to do this job. One thing counts: we did it! But to damp our own enthusiasm a little bit: the magazine was indeed almost ready to go to the printer (before X-Mas) when the computer broke down. A 'better' moment wasn't possible. Result: an annoying delay just enough to let us wait till Tuesday December 24th when the mag went to the printer. And as you'll understand we had to wait a few extra days because of X-Mas before 'FRS Goes DX' was really ready to be sent to you. Despite the fact it was sometimes very hard to publish the mag in time, I sincerely hope you have enjoyed the issues which came out in the past 12 months. Looking at the personal notes which accompany the renewal of their membership we can only conclude that the vast part of our readers indeed is very satisfied! Thanks for all stimulating & complimentary remarks, highly appreciated.

'FRS Goes DX' will continue in 1992 but I guess most issues will be double ones. That means every two months a 40 page issue packed with essential radio news and features. Caroline, Satellite, the Short Wave scene, Offshore nostalgia, FRS Newscorner, Alternative Thoughts, Made in Holland and much, much more. Further improvements will be carried out early 1992 and that makes the desire of receiving this magazine even greater! May I hope all of you will subscribe for another year? Have a GREAT and HEALTHY 1991 !!!

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# «FRS Newscorner»

## 'FRS Goes DX' issue 112/ 113

Some info with regard to this issue: not included is Andrew Yoder's US Free Radio report. We hope he'll be present in the next edition. This issue required a great deal of effort and I was simply not able to compile the letter column Mailbox 2727. That doesn't mean Mailbox 2727 will disappear. In the first issue of 1992 a summary of all the most interesting letters we received in the last 3 months of 1991.

A brandnew FRS column is Made in Holland compiled by Chris. He'll be reporting about the most interesting developments in the Dutch media scene. That means for instance a lot of satellite news as this scene is nowadays very lively. By the way: we received a number of very positive remarks about the satellite reports in 'FRS Goes DX'. Thank you.

Lots of things happened with regard to Radio Caroline in November and December. A very comprehensive report will inform you about all developments. Special thanks to our 'flying' correspondent Hans Knot who did a great job. As far as special features are concerned you can enjoy it to your heart's content.....Power FM.. Medium wave Free Radio DX-ing.....(well-done Derek & Stefan!)...RNI....Free Radio scene in London... Enjoy all of it.

### Renewing your membership

As most readers have to renew their memberships for 1992 it will be a busy period for the administration. We kindly ask to renew as soon as possible (January). Some of you wait 6 weeks or even longer. Needless to say that brings some extra (unnecessary) work for us. Also in 1992 we maintain the same rate: DM 25.00/ £ 8.00/ f 25.00. I'd like to remind you we only accept:

- \* Money in cash
  - \* Eurocheques (Dutch guilders)
  - \* Int. Postal orders (a very easy & safe way!)
- NO other cheques please.



### FRS Sales Productions

As a supplement you will find an extra double-sided Winter 1990/ 1991 Sales offer with various interesting tape offers. We are currently working to complete the new FRS Sales Lists 'cause lots of new recordings are waiting to be listed. I guess these sheets will be completed in the course of January and thus will be included in the first 1992 issue.

### FRS sticker

The new large colourful trendy FRS-Holland carsticker will be soon ready. All FRS clubmembers will get a free sample which will be included in the upcoming issue. If you want more than one sticker (some people have more than one car...): for US\$ 1.00/ DM 2.00/ 65p/ f 2.-/ 2 irc's (for one sticker) you can order as many stickers as you want.

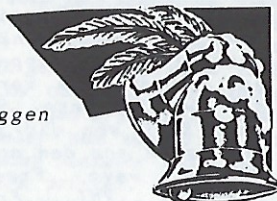
### FRS-Holland activities

The October transmission (11th Birthday) produced some 45 letters from England, Luxembourg, Belgium, Germany, Switzerland, Sweden, France, The Netherlands and...?? We used an Inverted V aerial system which is really not the same as a horizontal half wave dipole. But most reports were quite satisfactory although we had expected better results in some parts of the UK.



This could be a result of the fact that an Inverted V is more sensitive towards the directions the signal is broadcast to. Some of the reports we received will be printed in the next edition. Because of the delay with this issue we're able to tell you a bit about our December short wave activities. As there was no November broadcast we couldn't promote the 12th annual FRS X-Mas transmission (in the mean it has become a true tradition...!). As a result there were no X-Mas greetings from listeners, dedications etc. Nevertheless it was a very interesting broadcast with two German services. Here's the schedule as broadcasted on Sunday December 22nd 1991 (times in UTC):

- 08.30 Non-stop (X-Mas) music & FRSH ID's
- 08.54 Station-opening: ID's & Theme-tune
- 09.02 JB Breakfast Show- Johnny Best
- 09.45 'FRS Goes DX'- Peter Verbruggen
- 10.45 FRS X-Mas Party- Gerd, Speed & Verbruggen
- 12.15 Tony Mitchell's X-Mas Hits
- 13.15 Stefan Kramer's X-Mas Surprise Show
- 14.00 Close down.



It was intended to broadcast on 6225 kHz but we took measures in case Radio Reflex would come on the air on 6220. As this very powerful Dutch station has been broadcasting on a weekly basis since November (10.00- 11.00 UTC) we expected them to be on also on the 22nd. A few extra x-tals were collected and taken to the transmitting location. Everything went very smoothly that early Sun morning. The only spoilsport was the very bad weather. Within 20 minutes the aerial was hanging and the equipment was installed and at 08.30 the first sounds were radiated across Europe on 6225 kHz...180 real watts... A few calls a very strong signal was produced; a few modulation adjustments were carried out and at 08.54 Peter's 'Peace' was the official start of the 1991 FRS X-mas broadcast. During the DX-programme Reflex came on and we altered frequency to 6284 and 6299 but because of a few problems we moved back to 6225, still almost unusable because of Radio Reflex's signal splattering some 15 kHz on the upper side band. Speed wasn't on the location anymore but with some essential telephonic advise we finally succeeded in putting out an acceptable signal on 6299 kHz. Coincidence or not: some minutes after FRS continued on 6299 Reflex signed off. We called to one of our monitors in the UK and he advised us to stay on 6299 as it was a very clear frequency in the UK. On the continent the signal was also ok and so we stayed on 6299 and didn't return to 6225. Power on 6299 was 100W instead of the 180W on 6225 earlier that morning. Because of the frequency changes close down was at approx. 14.20 UTC. It was decided to repeat the first part of the DX-Show (with Caroline news and a few exclusive Caroline extracts) till approx. 14.40 when we signed off. That same evening most of the transmission was repeated on 3883 kHz commencing at 19.00 UTC. The band was very noisy and the signal disappeared in the noise, at least on the FRS monitoring QTH. At this moment we haven't the faintest idea about the results of this additional evening broadcast in the 77 mb! Time will tell...

In contrast with our mention in FRS Newscorner the London Free Radio Flash-back is not part of this issue but will be published next issue.

Sun Dec. 29th FRS will be putting out an extra 5th Sun trm ringing out 1991 (when you read this the broadcast is already past). We will be on 19 & 48 metres but it's impossible to mention the exact frequencies. Most likely 15045 kHz and a frequency in the 6280- 6300 kHz area or 6240 kHz. There's a chance that the transmission is aired Sun January 5th instead of Dec. 29th and that would be a result of the post.

- 09.54 Opening: Station ID's & Theme tune
- 10.02 FRS Magazine- Peter Verbruggen.
- 10.40 Tony Mitchell's 'Goodbye 1991'
- 12.20 Joop ter Zee Show.
- 13.10 Close down.

Joop ter Zee couldn't make it as far as the FRS X-Mas Party is concerned but he's somewhere in this issue with his popular Alternative Thoughts column.

#### 'FRS Goes DX' co-operating with the Radio Tape

The Radio Tape is a brandnew and very welcome initiative of the Radio Broadcasting Library (see advert elsewhere). It's an audio-magazine and as from now on FRS will supply the Radio Tape with info from the Dutch media scene. In return FRS will get exclusive audio extracts for the 'FRS Goes DX' programme and some news for this magazine. If you have been listening to 'FRS Goes DX' on Sun December 22nd you may have heard some extracts which were ONLY to be heard on FRS-Holland and on no other radiostation. It concerned extracts from an interview with Steve Conway near the Caroline ship in Dover harbour made on Sunday November 24th and extracts from Radio Caroline via Radio 6. To explain: Sun December 1st Caroline took over trms from Radio 6 based in Calais and broadcasting on 100.4 MHz FM. Neil Gates, Jerry Wright & Chris Frisco had a livelink-up with Steve Conway who was on the Ross Revenge in Dover! 'FRS Goes DX' will become even more interesting in future. That's a fact.

#### FRS-Holland's future

FRSH will continue in 1992 with hopefully quite regular trms! The latter is very important to us. We aim at 4 to 5 hour broadcasts and will try not to have a too long period between the individual broadcasts. The well-known FRS philosophy will be maintained with programmes from:  
Joop 'Good Old' ter Zee \*\* Johnny 'JB'. Best \*\* Tony Mitchell \*\* Peter Verbruggen \*\* Stefan Kramer \*\* Gerd (so now and then).  
Also in 1992 FRS-Holland will bring you the very best in radio on short wave. Remember our station-slogan: 'FRS-Holland, the QUALITY ONE on short wave' !!

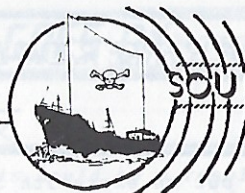
#### Thank you !!

And the end of another year it's called for to thank all our regular and loyal contributors/ reporters. Without your help it wouldn't have been possible to publish this magazine. We hope you will continue your great support in 1992 !!

Also thanks to all those readers who read this magazine. We sincerely hope you will stay in the FRS family in 1992.

And now something for the real freaks: the Dutch commercial Radio & TV station RTL4 will start 1992 (on TV) at 00.00 CET with 'Peace' from Peter Gosling !!





## SOUNDS FROM OFFSHORE

At the end of 1991 we were taken by surprise hearing the sad news about the Ross Revenge running aground. Although the ship really wasn't broadcasting since November 1990, it still was - at least in the eyes of many offshore free radio enthusiasts - a symbol, the last radioship on the high seas. Ofcourse we inform you in detail about what happened. Special thanks to Hans Knot from Freewave Media Magazine who did a great job with his contribution. Very much appreciated dear Hans. But we start in September were we ended last month thus causing no 'gaps' in our newsservice to you, the listener !

**Thursday September 26th:** Ronan is abroad to negotiate with new backer. Caroline should be back with pxs within a three month period.

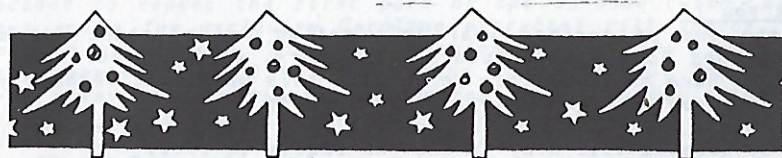
All rumours (came from the UK) about possible test-trms are not true ! Peter Chicago informs that the big generator is causing some trouble because Caroline people don't get the generator to start. By the way: there's more than enough oil on the ship. Mr. Roumen, one of the keyfigures in connection with the Ross Revenge raid in 1989, is panicing 'cause he heard a rumour that a satellite dish has been installed on the Ross to relay the new Dutch satellite station Holland FM owned by Nico Volkers, the big man behind Radio Monique and Radio 819. Life doesn't seem to be very easy for a Dutch OCD man. All those dreams about new ships, tall masts and high-powered transmitters...

**Saturday September 28th:** Ronan returns to England after a successful (??) trip to..... This same week a meeting will be held discussing Caroline's future. Remember Grant Benson ? He was a Caroline jock in 1984 and nowadays he can be found in the Italian Alps working on RTL 102.5 Hitradio. Grant is presenting pxs but he's also doing production work. The station is situated in Bergamo.

**Tuesday October 1st:** the first edition of the Caroline CD is sold out, a great success. Part of the profit is transferred to good old Peter Chicago ! A very friendly gesture from Hans Knot/ SMC .

**Friday October 4th:** from a source we hear that Ronan has definitely decided not negotiate with the DTI & the Broadcasting Authority about a licence for caroline on land. We doubt whether this piece of news is correct...

**Thursday October 10th:** Peter Chicago claims the Ros Revenge studios are fully operational. A bit of positive news, isn't it ?



## «FAS GOES DX» THE MAGAZINE FOR FREE RADIO ENTHUSIASTS

**Saturday October 19th:** Jacques Vernier, mayor of the French village Douai, gives a press conference in which he supports Radio Caroline. He's also a member of the European parliament and the conference was organised by the France Radio Club. Also present was Ronan O'Rahilly. Mr. Vernier said he totally disagrees with the English government's attitude towards Caroline. He will be pleading in the European Parliament that the British law (Broadcasting Bill) has to be readjusted. When the press conference was finished, Ronan was interviewed by a number of papers and French television about Caroline's past & future. One of the items was the possibility of recommencing broadcasts.

**Sunday October 20th:** A new album called "The Big Wheel" contains a track entitled "Hearthammer". Part of this song is a sentence 'Lying under the covers, radio on, settle down with Caroline as she sailed all summer long'. Available on Runrig lable.



A bit of sad news: we hear that Howard Rose, former offshore radio personality (Chrispian St. John alias Jay Jackson) suffers serious financial problems. The Northampton Court has declared him bankrupt because of a debt of no less than £ 31,415 which is quite some money...

Better times for Tony Blackburn 'cause he will be marry again with a 31 year young lady, Tony is 49. Tony still is very popular hosting the capital Gold Breakfast Show Mon- Sat. Talking about former offshore radio deejays: Mike Ahearn, former 60's Caroline deejay is back on the wireless. Every night he is on Capital Gold between 12 and 4. And Andy Archer has left Mellow AM and is now on Invicta Supergold where he's doing the Breakfast Show. Andy has become programme-director !

**Wednesday October 23rd:** our correspondent Hans Knot is in the UK on a radiotrip and he meets Johnny Lewis. And what does Johnny say ? He thinks there can be no ways about it that the Ross Revenge won't survive the upcoming winter unless some quick action will be undertaken. Supplies are brought to the ship from Whitstable. Johnny added: "We don't need it out there, it's a thing of the past and it's only out there getting money from our beloved money." What Johnny wants to say is that the Caroline organisation keeps the Ross on the high seas to receive money from Caroline freaks via donations.

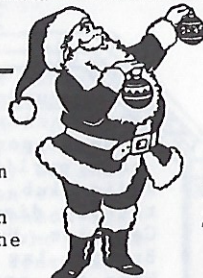
Several ex-offshore jocks are on Invicta. Andy Archer, Bob le Roi, Johnny Lewis & Neil Francis. Remember Tony Peters ? He used to be on caroline in the mid 80's and is now on Super Gold being relayed by Invicta during evening and night.

**Thursday October 24th:** Hans also visits John & Jenny Knight of the RRSg and he is told that there are 5 persons out on the ship. There's a female cook and one very regular 'visitor' on the Ross is Neil Gates.



frs goes dx

November 10th a new anchorchain will be delivered the Ross Revenge. This anchorchain will be paid by donations from Caroline supporters. Not only UK fans have been contributing: also Dutch, German & Belgian radiofreaks have donated amounts of money to keep the red boat on the North Sea. Apart from the chain water, fuel oil & food will be financed. Toilets and the shower cabinets still need to be repaired. Interesting to know is that aboard the Ross pxs are recorded which should be aired via Radio Fax on short wave. However: the name Caroline won't be mentioned in the shows...Reason: to preserve Fax from difficulties with the authorities.



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**Friday October 25th:** three countries are willing to issue Caroline licence and provide them with a flag. Libia asked no less than f 600,000 and that was the end of this deal. The country which is interesting for Caroline is a small one in the Pacific. The upcoming weeks are of great importance for Caroline.

Up till now Ronan didn't show much interest as far as the developments concerning the legal steps against the British authorities are concerned. Only once Ronan visited a meeting with the lawyers. Those lawyers have costed Caroline f 12,000 up till now and fact is all the work didn't produce the desired result. The risk to take the matter to court is too high 'cause in case Caroline is the loser, the organisation has to pay a large amount of money to the British authorities. Fact is that a legal aid counsel is working for Neil Gates who's trying to take legal proceedings against the British authorities. According to his lawyer he can only win when he starts legal proceedings against the Dutch authorities because they were responsible for the raid in the International waters and not the British.

According to Peter Moore Caroline has received enough offers to start satellite trms and among these offers a few real cheap ones and even one organisation offering free airtime. Moore thinks there's a satellite future for Radio Caroline and says in the coming weeks Caroline will get in touch with the Norwegian RNI organisation willing to offer Caroline airtime. There's also a proposal to start talks with Eclipse FM, a station facing some financial problems. O'Rahilly thinks it's best to await the licence and if this plan doesn't become reality, the station will be back from the high seas Easter 1992.

Station-manager Moore got a visit from Mr. Murphy from the DTI and was interviewed about his current Caroline activities. He was threatened that some measures would follow if he would continue to do caroline activities. Moore informed the DTI people there's a chance of obtaining an 'overseas broadcasting licence'.

**Friday November 1st:** Super Channel's Teletext makes mention of attempts by the Caroline organisation to broadcast via the Astra satellite. A name of a company with which Caroline is talking is not mentioned.



frs goes dx

offshore news

frs goes dx



Special thanks are going out to Hans Knot, Don Scott & Jean, Chris Edwards, Rob Olthof, Jack Duyzer, Paul de Haan & Brian Keith for their help in compiling the Caroline news.

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**Monday November 4th:** It is exactly one year ago since Caroline left the airwaves for the last time from the Ross Revenge. In the past there have been more periods when Caroline was off air for a very long time. Between March 1968 and August 1972 for instance. Only Radio North Sea used the name Caroline in June 1970 for a very brief period (because of the British elections). Between June 1973 and Spring 1974 the name Radio Seagull was being used. After the close down in March 1980, when the Mi Amigo sank, Caroline disappeared for more than 3 years and recommenced trms in August 1983.

**Wednesday November 20th:** the news is that the Ross Revenge has lost its anchor during a violent gale. It was first said that the crew on the ship was sleeping and didn't notice anything until the ship ran on a sandbank. This news is refuted by the people on the ship. Neil Gates was the responsible person (captain) on the ship and apart from Stuart Dobson all people on the ship were awake. We hope Stuart will give us a full account of what happened that night.... He's also reading 'FRS Goes DX'. Neil Gates was almost constantly on the bridge listening to navigation channels on the wireless because of the very bad weather. He heard a call from the coastguard asking 'the ship that was drifting off southwards in the direction of the Kent coast' to identify itself. On the Ross they weren't aware that the Ross was already drifting. It appeared the anchorchain had broken very close to the anchor and because of the very heavy anchorchain the crew was under the impression the ship was turning round the anchor, something which is quite normal at high tide for an anchored ship. The visibility was very poor making it impossible to distinguish the navigation lights and/or beacons. The Caroline people really thought they were 17 miles removed from the lane. At 04.50 CET there was a loud bang and that was the moment the converted trawler Ross Revenge stuck on the Goodwin Sand off Ramsgate, Kent. The ship had already been drifting for a few hours...! Soon the fog was lifting and the crew realized they were far away from the original berth. They could see the Kent coast very clearly... At 04.56 CET the Dover coastguard was asked for assistance. It appeared a helicopter was already underway. In addition two tugboats from Ramsgate and Dover steamed to the Ross Revenge. These ships couldn't get close enough to the Ross in the bad weather. The RAF helicopter took the six strong crew from the ship and this happened between 06.58 and 07.07 CET. The chopper pilot had to brave the ship's swaying 150 ft aerial masts. According to the RAF rescuers the 6 persons were very lucky to be alive. The six were: Ricky Jones, Steve Conway, Neil Gates, Stuart Dobson, Christopher Cobley (we also heard the name Chris Wilson=same person??) and Wendy Shepard (she was the cook). It was feared that Caroline's battered vessel could break up. Steve Conway made a verbal arrangement with the coastguard that attempts would be made to refloat the Ross. The ship had..

frs goes dx

offshore news



listed so heavily that large amounts of water put in at the ship. The crew didn't leave the ship at once. Chopper no.166 from the Royal Airforce in Manston taking the six from the ship, was the same one which was taking Rico, Chris Adams & Caroline Martin from the ship December 1990 !

**Thursday November 21st:** At 09.00 in the early morning the crew of a tugboat company succeeds in putting a line to the Ross. Purpose is to get the vessel afloat during high tide. The Ross has been unmanned for 24 hours. At 10 an attempt is undertaken, however without success. A number of people are on the Ross to prepare a further attempt that evening at 10. On closer examination it appears that only 30 centimetres water was in parts of the hold. There are no holes in the bottom of the ship. Less positive is the fact that due to the ship running aground serious damage has been caused to the rudder and steering-gear. The tugboat from the Dover harbour service, the MV Dextrous, remains in the direct vicinity of the Ross in case the people aboard need assistance. Generally spoken most people think the Ross won't be rescued. Through the ages hundreds of ships have been running aground in the northern part of Goodwin Sands, compare it with a huge shipping graveyard. Very few successful attempts to rescue stranded ships have taken place. Peter Chicago tries to get aboard the Ross Revenge in the course of Thursday. He's been brought by Dave Turner with his trawler Fairwind. The Fairwind isn't able to come nearby the Ross and Peter decides to use his famous dinghy. However, the people on the ship refuse to let him on the ship. After some time Chicago returns to the Fairwind. The remnants of the anchor chain are removed. The attempt during evening (10 PM) that evening fails. Another attempt will be done on Friday when there's once again high tide.

#### The Media

Sky News reported already at 7 o'clock about the six strong crew being rescued. BBC TV brought the news that Wednesday at 9 AM. In the afternoon Sky News brought a brief report in which Steve Conway and also somebody from the coastguard were interviewed. BBC News showed beautiful pictures of the rescue operation in the open seas in the evening hours. The 'Beeb' interviewed station-manager Peter Moore as well. He said that Caroline was negotiating with a certain country to obtain a licence. Then we have the same status as Radio Luxembourg or Atlantic 252 he added. No matter what, Caroline will return were his final words. Moore didn't talk about the serious predicament the crew were in that early morning, he only talked about the future... Also several ILR covered the news. Bob Le Roi played sentimental records on Invicta Gold like 'The last time' and 'It's all over now'. Let's hope he won't be right... Steve Conway, Wendy Shepard and Neil Gates leave London after discussions with the Caroline organisation. They travel to Dover hoping the attempts to refloat the Ross will be successful and the ship will be tugged into Dover harbour.

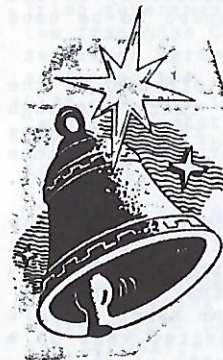
**Friday November 22nd:** Just after noon the Ross the 'miracle' happens: the Ross is being refloated with the help of two tug boats. A number of attempts that same day had failed and the Dover coastguard gave permission for one more...

attempt... In case the last attempt had failed the Ross' future was that of a wreck. Then the Ross would have been scuttled. The ship is tugged to Dover to the Easter Dock and that same evening Granville Dock becomes the new 'home' for the radioship. It's a place not easily approachable to the public. A number of customs officers search for contraband but don't find anything. The ship is held under arrest by the owner of the company responsible for bringing the ship in. It's for the first time since 1983 that the ship is in national waters. Caroline hopes to be able to buy the ship back. In the mean time negotiations with the Norwegian RNI organisation continue concerning a satellite transponder. Caroline is doubting because it is much more attractive to be on one of the Astra satellites, the reason is simple: RNI is on the Intelsat VA F12 and can only be received with a large satellite receiving dish. That means most people cannot receive the station. The great thing about the RNI offer is that it concerns free airtime.

#### Saturday November 23rd:

While the Ross Revenge is in custody, Wendy, Steve Conway & Neil Gates (?) go on board as caretakers crew. They will make a start clearing up the rubble. There is talk of a sum of £ 12,000 to be paid by the Caroline organisation. But it seems to be a kind of

golden rule in the shipping world that a tug company may never ask more than 25% of the awarded value. That would mean the sum Caroline must pay will be much less. The RRSG tries to collect money to support the Caroline organisation. It's not known whether the tapes which were recorded on the Ross (to be broadcasted via Fax) have been confiscated.



Three days before the Ross ran aground, a new anchor would be delivered but the ship which would sail to the Ross had some trouble. It seems there is a new anchor for the Ross although we can't confirm this. The new anchor and a new chain will be brought to Dover harbour. There are no debts on name of the ship. The ship is owned by a shipping company (??) according to the Dutch magazine Freewave. Nobody can put a claim on the Ross Revenge. The damage in the studios turns out to be better than expected. It has been decided to start satellite transmissions via RNI. Soon the first pxs will be aired.

has been decided to start satellite transmissions via RNI. Soon the first pxs will be aired.

**Sunday November 24th:** Peter Moore says that up till now no sums have been mentioned in connection with the costs of the rescue operation. He adds all kinds of actions have been organized to collect money. He is very optimistic about the future of the ship.

**Monday November 25th:** the Ross is examined by the Public Health Organisation. This organisation controls the ship on general livability. Some 18 hours were spent by the Ross crew to make the ship livable. After the examination it appeared







### RTL BERLIN

RTL started a brandnew radioservice operating under the name RTL-Berlin. The new local station for Berlin is 100% owned by CLT, the Luxembourgish mothercompany of RTL. Interesting to know is that one of their deejays is Conny Ferrin, former short wave pirate (Channel 292, Radio Valentine, Radio Wunderland, Radio Galaxy). A while ago he was presenting the Breakfast Show on the Nürnberg station N1. Good luck Conny...! RTL-Berlin is broadcasting on 104.6 MHz. The station mainly plays hits from the 70's, 80's & 90's. Also newsbulletins, traffic info and the weather. The studio-building is situated at the famous Kurfürstendamm. On the local cable network RTL can be heard on 104.15. Also another station started in Berlin: this one's called INFO RADIO, an all-day newsstation where the news is read into a harddisc computer repeating the individual newstories until they're taken out. Quite a good and cheap system to operate a newsstation and ...certainly very modern!

### NEWS FROM IRELAND

In Ireland Century Radio closed down. The station has a debt of more than 50 million Irish pounds! Capital Radio from London, shareholder of Century, is now negotiating with the Irish government about other conditions for the franchise Century left behind. If they can settle an agreement, Capital Radio is going to start another station via the Century frequencies. If not, then there won't be a national commercial station for a while. Atlantic 252 wants to bid for INR2, the planned commercial national AM network for the UK. But Capital Radio would also like to get this British franchise. In the meantime Atlantic 252 will be taking over most of the office from Radio Luxembourg in London!



### FINAL LUXEMBOURG ENGLISH 1440 PROGRAMMES

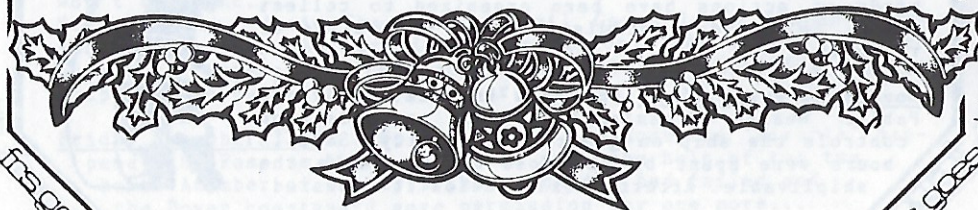
Sunday evening December 29th will be the last night that Radio Luxembourg's English Service will be on 1440 kHz medium wave. A special party will be held with several 'old' jocks coming over to Luxembourg for this special event. The service will continue via satellite and short wave (15350 kHz/19 mb) only, but a lot of deejay contracts are expiring at the end of this month. One of the few jocks who certainly will continue for at least another year is Jodie Scott. Bob Stewart will retire from the station sometime in March or April. Does anyone remember old RTL jock Stuart Henry? He's still suffering from multiple sclerosis and nowadays he can only move his head a bit. But CLT is still paying him his full monthly salary and he still lives in Luxembourg. And probably David Lee Stone is returning to RTL for a 6 month period, but this is not certain yet.

### COOPERATION RADIO CANADA & RADIO MONTE CARLO

These two international short wavebroadcasters have reached an agreement in which both stations use each others transmitters for a 15 minute period each day. Canada puts its daily Arabic pson air via Monte Carlos 1223 kHz outlet while Monte Carlos daily French show is to be heard via Radio Canadas SW outlets.

that it was forbidden to make use of the showers and toilets. A team of the 'Board of Trade Inspectors' wasn't happy at all with the livability on the ship. A long list was compiled containing all the defects. Within a certain (limited) period all repairs must be carried out. Most of the activities consist of minor maintenance and repairs. The major problem is the condition of the steering-gear and the rudder. Interesting to know is that till 1989 Caroline has had a lot of support from Ernie Svenson's instructions as far as the shipping side is concerned. Mr. Svenson used to be engineer at the Ross Shipping Company. In 1989 he became very ill and from that moment onwards Caroline didn't hear from him. But right after the media reported about what happened with the Ross, Peter Moore receives a call from....Ernie Svenson. Svenson advises the caroline organisation to wait until a ship of the same kind as the Ross Revenge will be scrapped and then buy the steering-gear and rudder from the scrap dealer. Ofcourse such ships aren't scrapped every day but it is likely it will happen within a limited period. Svenson promises to look for important spare parts and to advise when repairs will be carried out. Special items will be available to the Caroline supporters and the profits will be going to the Ross Revenge. One of the plans is to sell a special T-shirt containing pictures of all Caroline ships. Also the profits of Peter Moore's book 'Butterfly on the Wheel', describing the past five years, are intended to be used for the repairs.

**Tuesday November 26th:** Several gifts have been offered to the people on the Ross. For instance food. However: there's enough food and the organisation prefers money rather than something from which they have enough. In case you want to send some goodies, send it to: John & Jenny Knight, 121 Monkton Road, Monkton, Ramsgate CT12 4JQ. Caroline expects that it will take at least 6 months before the seaworthiness certificates will be obtained. Caroline claims that in case a licence is obtained from any country, the British authorities cannot undertake any legal action against the ship. And then something completely different....Caroline makes a start with broadcasts via the Intelsat satellite one degree west on a TV4 transponder. The mono subcarrier of RNI is used (7.74 MHz). It's a pity most Caroline lovers won't be able to hear the station. Only those with a real big dish are the lucky ones... Programmes can be heard Mon- Thu between 22.00- 23.00CET and the format is rock. It seem the RNI organisation has an option on one of the many unused Astra 1B subcarriers. In case RNI will be on an Astra satellite, the situation will be much better for thousands of Caroline listeners.





### ECHO OF MOSCOW NOW ALSO ON SW

One of the newest stations in Russia, Echo of Moscow, has started short wave trms. Previously the station was only to be heard on medium wave. During weekdays the EoM is on 9535 between 05.00- 07.00 & 16.00- 19.00 . On Sat & Sun between 15.00- 16.00 & 16.00- 19.00 hours.

### RADIO SWEDEN ON ASTRA

In the last issue 'FRSGDX' made mention of Radio Sweden going satellite. In the mean time it has been announced that the Swedish World Service will be on Astra starting next spring (FRW)

### PIRATE BROADCASTING IN SEATTLE

It was two years ago when Scott Shannon introduced his 'Pirate Radio' format via KQZL in Los Angeles. He got a lot of publicity in the national weeklies at that time. Bob Case, programme-director of KUBE Seattle got the idea to provide a 24 hour real 'Pirate Radio' service from....a ship! But his plan was unfeasible, at least: two years ago. He decided to keep the idea in mind. The idea became reality when the annual Seafair was organized. For a period of 3 weeks a 45 foot long ship was hired and from this ship KUBE's programmes were put on the air. The original idea was to anchor the ship in one the lakes in the vicinity of Seattle and to use telephone lines under water. This idea fell through simply because KUBE Radio didn't obtain permission to carry out the latter idea. Via alternative modern techniques it was possible to transport the ships signal to KUBE's txs. The ship wasn't transmitting from a fixed location. After a few days the deejays got used to the rocking popradio ship and felt happy about this real alternative way of broadcasting. Not everything went perfect: Up to four times police forced the 'pirate ship' to stop because too much noise was produced. A piece of plastic got entangled in the ships screw propeller and another time the generator broke down. Didn't we hear that before ?

On the first day of this 20th century radio-adventure the ship moored close to a much used bridge. Thousands of persons interested stood on this bridge and there was some danger it would collapse !! This resulted in some problems with the local authorities. The station's slogans were updated. One popular slogan went as follows: "Broadcasting to a few ten thousands of human beings and ten million fishes, this is KUBE Radio". KUBE Radio made also use of a tender to bring deejays and guests to and from the ship. In average some 30 listeners were aboard the temporary broadcasting vessel. On one side of the ship the words Kube 93 FM were painted. And a real pirate flag with a black skull was on top of the mast. KUBE was afraid that a rival radiostation would steal their idea. Eight months the programme staff had to keep silent about this frivolous at the same time being a publicity stunt attracting a large audience. In these 8 months all preparations took place. Only one week before the plan would be really carried out, announcements were made in the KUBE FM programming. A special listeners competition was organized. Using the slogan "Enter to win your very own pirate ship" one listener could mean a ski-boat! No, Ronan didn't win.... (FRW)

~~~~~

### US BILLBOARD AWARDS

KLOS, the Los Angeles album station, WZAK Cleveland (urban contemporary) and KPLX Dallas (country) were the big winners during the annual presentation of the Billboards Awards. All of the just mentioned stations were winners in 4 out of 5 categories. Not one single station succeeded in winning all 5 categories. It was KPLX who managed to do this in 1990. KLOS made an enormous progression knowing that only one award was won in 1990. As far as the winners in the categories 'Major Markets' and 'Formats' is concerned the following ones were chosen as the best: WBBM FM Chicago (Top 40), KOST FM Los Angeles (Adult), FM 92 KKBT Los Angeles (Rhythm & Blues), KPLX Dallas (Country) and finally KLOS Los Angeles (Rock). But there were more categories! The following syndicated programmes were decorated: Westwood One's Casey's Top 40 (top 40), Unistar's Countdown America presented by Dich Clark (Adult), Westwood One's The Countdown hosted by Walt Love (Rhythm & Blues), ABC Watermark's The American Country Countdown hosted by Bob Kingsley and the Global Satellite Network's The Rockline (Rock). Best deejays in the aforementioned categories were: Rick Dees (KISS Los Angeles), Mark Wallengren and Kim Amidon (KOST Los Angeles), Tom Joyner (KKDA Dallas & WGGI Chicago), Steve Harmon & Scott Evans (KPLX Dallas) and Mark Thompson & Brian Phelps (KLOS Los Angeles).

### ATLANTIC ORGANIZES COMPETITION

Since Mary O'Brien decided to leave Atlantic 252 and to return to her native the US, Atlantic is without any female voice. A company carried out an order from the Atlantic management and the result was that 8% of the British presenters is female. As a result a competition has been organized enabling potential female presenters to send a demo or to show their talents via a special telephone-line. The one who is the best in a certain period is invited to present 6 programmes on the long wave station.

### JOHNNY WALKER BACK ON RADIO ONE

The former Caroline jock Johnny Walker has returned to his former employer Radio One to present a weekly rockshow on Saturday between 3- 7 PM. He was on Caroline until 1968 when the Caroline ship was tugged to a Dutch harbour. A year later he joined the BBC. After a disagreement he left for the US in 1975 and he started working for KSAN San Francisco. Since he returned to England he was on Radio One, Radio 5 and Greater London Radio (FRW).

### MORE NEWS FROM IRELAND

It was two years ago that all Irish radiostations were forced to close down due to a new law coming into force January 1st 1990. Among the stations closing down were names like Radio Sunshine, Q-102 & Energy 103 but also a handful of SW stations like Radio Dublin, Radio Rainbow, Westside Radio and Radio Fax. In those 24 months there have always been stations keeping that 'free sound' from Ireland alive. And it even seems the situation changes in a positive direction ! Look at the developments on the beloved SW bands but also on medium wave. The following full time stations are currently on air (with the usual reservation):



\* Radio Dublin 1188 AM, 101.7 FM and 6910 SW !! All frequencies are in parallel with each other. Power on SW is approx. 400 watts. Signal on the continent is fair/good.

\* Dunladerie Local Radio 106 FM and testing on 1125 AM (County Dublin).

\* Radio Star Country 981 AM & 103.7 FM (County Monaghan).

\* Radio North 846 AM (Redcastle). Latest news: Radio North has closed! All equipment has been bought by rival station....

\* North Atlantic Radio 954 AM, 97.9 FM, 103.9 FM (Carndonagh).

\* Riverside 101 on 100.95 FM (Derry).

\* KLAS Radio 828 AM (Monaghan).

\* Nova 104 on 104 FM (Omeath, County Louth). Signals are beamed into Newry/Amach area in Northern Ireland. A recent improvement to the aerial system means they are now having an estimated E.R.P. of 40 kW ! Only a few hours live pxs are broadcasted daily. At other times RTL International from the Astra 1a satellite is relayed. The station is on air since July 1991.

There are loads of weekend stations up and down the country. So Irish pirate radio is very much alive ! On short wave are active:

\* Radio Fax 6205, 12255 & 3910 kHz.

\* Jolly Roger Radio 6231 kHz.

\* Radio Stella 6296, 7446, 9980 & 11415 kHz.

\* Ozone Radio 6280 kHz.

\* NISW Relay Service 6260 (could now be 6310 kHz).

Thanks to Ian from Scotland for the info about the current Irish scene. We hope he'll keep us in the picture as far as future developments are concerned!

## THE END OF CONTACT 94 !

Some weeks ago we were taken by surprise hearing the sad news about the closure of Contact 94. This Normandybased professional FM station beamed its signal to the Channel Island providing its listeners with a wide variety of quality popmusic. Remember the FRS feature in issue 105/106 April 1991. What's the reason of the close down? It seems that the French authorities forced Contact to decrease its transmitting power making it impossible for the station to provide the Channel Islands with a strong signal! Contact 94 has always been a repository of former Caroline jocks, a legal landbased kind of Caroline II.... Names like John Tyler, Rob Harrison, James Day, Gavin Ford, Max Buchanan, Mark Matthews and several others worked on the station. Now it's finished, a real pity. Perhaps Lionel is able to send us some more background news about the closure ??

## WILL YOU HELP US TO HELP US WITH THE ROSS REVENGE ?

13 months have passed since Caroline ceased to transmit. From November 1990 to today the Ross Revenge has been supplied and maintained only by the Ross Revenge Support Group, who are determined to bring the vessel back at sea, so that she maybe can return on air one day. Now it's winter and the ship must be repaired in Dover harbour before she can go back to her anchorplace. The Ross Revenge is crewed by volunteers, the management on land work for no wages. Every Penny, DM, Guilder or Franc etc. raised by the group goes into hardware for the ship. We need your help, send donations to: RRSg, The Meadow, Chislehurst, Kent BR7 6AA.



A great welcome to this first episode of a brandnew column. We hope you will enjoy our report on the ever changing and very puzzling Dutch media landscape. We will follow the developments with a laugh ...and a tear...sometimes...

## DUTCH GOVERNMENT IN TROUBLE?

This time we firstly go back to July 25th. The European Court of Justice in Luxembourg made a decision, which can be of great importance in the near future. It decided a major part of the Dutch broadcast policy was in contradiction to the European Treaty. For several years the Dutch government had forbidden advertising directed to the Netherlands via commercial broadcasters. The reason was: protection of the Dutch culture. Or should one read: protection of the public broadcasting societies? The "Commissariaat voor de Media" had imposed a fine of 100 Dutch Guilders on companies like Nutra Sweet, Croma, Free record Shop, Samsung and Vizir for advertising on Sky Channel, Cable One and Super Channel. These broadcasters lodged an appeal and the Dutch Council of State asked for advice from the European Court. You have read the result above.

Now the big question is: have these broadcasters, advertisers and maybe other firms suffered a loss from this "illegal" practice? One can expect some firms will ask for compensation and the Dutch government has to pay big amounts of money for their paternalistic policy.

## EXTRA 108

The Amsterdam local radio station EXTRA 108 has a dispute with the municipality of Amsterdam and the board of directors of the national newspaper "De Telegraaf". These latter two try to start professional broadcasts on both radio and television. The management of EXTRA 108, run by volunteers, is afraid the influence of the newspaper will be destroying the aim of making radio for young people. The station, firstly willing to co-operate, now has approached some foreign investors to make it possible to go its own way. By the way: one of the presenters on EXTRA 108 is Elly van Amstel, who has been hosting Dutch programmes from the Ross Revenge some years ago. From November 1st onwards the station has joined forces with the local stations AFM and ONLM. Their new name: AMSTERDAM EXTRA. With hits, culture and Amsterdam news they want to be a real counterpart to the "big" local radio station already mentioned.

## SKY RADIO

During the last week of September Sky Radio proudly presented the latest figures. The station has been strengthening its position compared to radio 3. The public station reached a share of 27,5% while Sky had reached 10%. These figures are based on results of a survey during July. The share of Radio 3 had never been so low! For example: in 1977 the share of Radio 3 still was 76 %. Three of every four people listening to the radio tuned in to Radio 3 at that time. In 1987 this share had dropped to 52%.



Radio 10 reached a figure of 6 %.

Early November the results of a new survey were published. This time Sky Radio had less to celebrate: their share dropped from 10 to 9%, while Radio 10 Gold increased from 6 to 8%. So both stations have reached the same share almost. At the same time Radio 3 has gained back a little: it's market-share has risen to 32%. These figures reflect the month of September.

#### HOLLAND FM

This new satellite station, playing a lot of Dutch music, is currently signing contracts with cable-networks. They hope to reach a number of 2 million households this month, while this figure should have risen towards 3 million early 1992. The station has attracted some old (in both senses...) former Veronica deejays. Maybe you can remember Chiel Montagne and Krijn Torringa. Chiel has become P.R. and marketing-manager of Holland FM. His job is to sell air-time. From January onwards he will be presenting a lunch-time programme. Later in 1992 he will be running a road-show for the station and a quiz-programme. Holland FM is a daughter of the Norwegian company Northsea Media SA. Most of the programmes are made by (former) presenters of the local Rotterdam station EUROPOORT. This station had very obvious links with the offshore stations Monique, radio 558 and radio B19.

#### RADIO NOORDZEE NATIONAAL

Another brandnew satellite station hit the airwaves: Radio Noordzee Nationaal. However, brandnew... As the name already suggests this radio-station has some link with the former offshore station Radio Noordzee Internationaal. The programmes are made by Publivision, a working company of music-publisher Strengtholt, which exploited RNI in the early seventies. So it is not very remarkable that two former RNI deejays are working for RNN: Joost den Draaijer and Tony Berk. (By the way: they also have made programmes for Radio Monique during the period 1985/87).

The station started test-transmissions on October 15th. These transmissions lasted for some two hours every time. They announced these transmissions as an "announcement" from the cable-network. Reason is the station was waiting for a permission to broadcast as the first real Dutch commercial radio station, so real programmes weren't possible yet. The station plays only Dutch music, of all possible kinds.

Organisations of Dutch artists and song-writers are backing the station. In the board of the station we find Jerney Kaagman, singer of the pop-group Earth and Fire, also well-known abroad. RNN aims to broadcast 24 hours a day and to run a own news-service.

Apart from the already mentioned publishing company Strengtholt various other organisations are involved with the station. One of these is Buma/Stemra, an organisation regulating copyrights of music. Some radio-stations, both public and commercial, aren't happy at all with this. They argue this means a mixture of

interests. For instance: a radio-station has to pay a certain amount of money to Buma/Stemra for playing records. At it's turn this organisations is supporting with (a part of) this money a rival radio-station: RNN. So, by playing records a station is financing it's rival...! It's expected some court-cases will take place regarding this affair in the near future.

#### EURO JAZZ

This station is broadcasting jazz music 24 hours a day and is distributed by a number of Dutch cable networks. At this moment one million households can receive Euro Jazz and it is expected this number will be some two and a half million by Spring 1992. The owners of the station have greater ambitions however. They want to penetrate on cable networks in Belgium and Germany. Euro Jazz is a daughter of the American Jazz station KLON in Long Beach, California. This station is one of the non-profit stations, part of the greatly unknown public radio system in the States. KLON doesn't broadcast commercials and is financed by listeners' contributions and sponsorship. A part of the available frequencies are allocated to this kind of stations that broadcast for minorities. KLON liked the idea to set up an European station and sought for co-operation. Wil Stijling, member of the board of the North Sea Festival became their partner.

The programmes of Euro Jazz are recorded in the KLON studios and transferred, partly "live", digitally via the PanAmSat to Europe. The programmes sound very "American", presented by people with dark-brown voices, touching the atmosphere of a low-lighted jazz club.

The programmes represent the whole spectrum of jazz music. At six o'clock in the morning they start with upbeat, followed by soft jazz, concerts at noon, swingin' dixie, jazz goes latin, back in time, big band time, Euro Jazz Spotlight, vocal jazz, into the night, experimental jazz, into the night 2 and trio.

Officially the station is located at Gibraltar.

According to recent surveys the target group mostly will be people between 20 and 40 years of age. Much younger than one would expect. Each hour three minutes of commercials will be broadcasted, not interrupting the programmes. It is intended to replace the American commercials by Dutch ones soon.

#### POWER FM

November 1st this station started official programmes after some months of testtransmissions. Power FM is a part of the Italian organisation RTO Rete Zero. This organisation is also responsible for Radio 10 Gold and Concert Radio (classical music). At this moment there are 2,3 million connections to cable systems distributing the signal of Power FM.

The station is aiming at the young people between 12 and 25, who like top 40 and "disco-dance" music. The directors of the station state that radio 3 isn't serving this group properly. More than 50% of the radio 3 audience is aged between 25 and 49 years.

Presenters on Power FM are: Francis Dix (Veronica), Wim Rigter (Vara), Rob Spijker, Eddie Diergaarde (from local stations)



Peter Holland (RNI, Vara, Veronica), Luc van Rooy (Sweet Lake City Radio (!), Monique, Avro, Vara). Also Rob Stenders (Radio Flamingo Tilburg, Vara, Veronica) has been part of the team, but after two days (!) he left the station. He didn't feel at home. The official reason for his departure: "personal reasons". Rumours are that he didn't agree with the way of selecting records for the programmes. A computer is responsible for this, while Rob preferred to make his own choice.

#### RTL 4 RADIO

Besides RTL International RTL is building up an audience for RTL 4 Radio smoothly. At this moment one million households are connected to the station. Only when/if the number of two million connections has been reached the station will be broadcasting presented programmes and commercials. Remarkable: the costs of one year radio broadcasts are just as much as the daily turnover of RTL 4 television..!

#### VICAR VAN GENT

Do you remember vicar A.H. (Arie) van Gent? He worked for the Radiogemeente Bloemendaal and presented programmes for this organisation on Radio Monique, Radio 558 and Radio 819 from the Ross Revenge. He was the successor of the legendary vicar Toornvliet. Vicar van Gent died Tuesday November 26th in his hometown's-Hertogenbosch, after a short illness. He has reached an age of 68 years.

#### Cont. from page 21:

usually in the 48 mb Sat nights. Not too long ago WWBI agreed to relay the pxs of Romantic Space Radio- RSR. It's the only station playing electronic music. Since its start RWBI received one foreign report, namely from Finland \*. We know there are many FM pirates in Western countries. A few months ago the first FM pirates popped up in the Moscow region. They are Radio Vodorod, Radio Antenna 80 and Radio Aelita. They give their telephone numbers and they can be found on free frequencies between 68- 74 MHz. That's it for this time.

\* In the mean time RWBI has been received in for instance Germany but also as far away as the United States of America !! (PV)

This feature was compiled exclusively for 'FRS Goes DX' by Artiom Prochorov with the help of Igor Krylov, Gennady Netchaev, Serguey Mulyk, Stanislav Mekhonoshin, Mikhail Timofeev & Serguey Oleinik.

We expect more news from our Russian correspondent Artiom Prochorov in future editions of 'FRS Goes DX'.



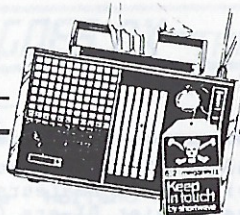
Perhaps you will know that FREE RADIO LISTENING becomes more and more popular among the Soviet radio amateurs. We must go back to Spring 1990 when three Soviet DX-ers (I was one of them) independently of each other, listened to some Western pirate stations. Perhaps there were already others listening to the pirates before, but the very first station, which opened the pirate popularity here was Passion Radio received in April 1990. The first English pirates were picked up in the Summer of 1990 (Radio Confusion, Freedom etc.). Now at the end of 1991 many more DX-ers have become pirate listeners and we've listened to more than 20 free radio stations on SW and MW !! Stations from England (LWR, WFRL, Confusion, Freedom, Stella, WMR), Ireland (JRR), Holland (VOTN, FRSH), Scandinavia (Meteor, Mayday, Diabolo), Greece (Kallios, Olympiakos, Eolica), Germany (Süd West radio, PFBS, Passion) and from France (RWI). It's a very good result for us because of the great distances and low powers of pirate transmitters.

Next few lines let me dedicate to those stations which can be received in different parts of our country. I am a Muscovite and I will start in Moscow. Here in Moscow we can pick up Finnish, Dutch, English and German free radio stations. The only station which cannot be received is Radio Waves Int. from France. Perhaps in the upcoming winter....?? But all in all most stations can be monitored provided you use a receiver with an acceptable sensitivity (5 Mv) and aerials longer than 20 metres. Unfortunately we (Muscovites) cannot hear your morning shows. The usual (best) time is Saturday night. The audibility is rather difficult, mostly 2 or 3. But this Summer we heard LWR with excellent strength. Other stations with good audibility are Meteor, Harmony and Radio Mayday.

When atmospheric conditions allow, Muscovites can hear MW pirates from Holland (Armada, Nooitgedacht, Toulouse) and Greece (!!) stations (already mentioned). To catch pirates on MW is more difficult than those on SW (for instance I heard only Greek ones while my friends heard Dutch). What can I say about other regions? Nighttime SW trms are picked up in very different parts of our country (Western Ukraine, Central Russia, St. Petersburg right up to the Urals). Morning shows are sometimes heard in St. Petersburg and the Baltic countries. Our friends from Ukraine can easily receive medium wave stations from Greece and Yugoslavia. Stations like Radio Korshala, Radio Batranica & Radio Majhantec were logged as being Yugoslavian pirates.

And now something about Soviet pirate broadcasters. Maybe you'll wonder but indeed we have such type of radio! For already a very long time there have been many 'hooligans' here. They occupied the 1600- 1800 kHz part of the medium wave band and made QSO's but also put out musical shows. To mention a few names: Radio Belo-morcanal, Radio Orbita, Radio Sistema etc. None of them except Sistema mentioned an address, they did have no qsl cards. March 23rd 1991 saw the birth of RIOT Radio testing on short wave. We hoped to be received abroad but we were only audible in Moscow, St. Petersburg and The Urals. Later we were also received in the Ukraine. In the mean time RIOT Radio changed its name because of difficulties in ID-ing the station: many people heard the wrong name on air. Nowadays the station is calling itself Radio Without Borders Int. (RWBI). It operates ....





# S.W. survey

Welcome in the last FRS Logbook of 1991. Once again a very comprehensive survey of what was going on on the short wave bands in the period Saturday September 14th- Sunday December 15th 1991. For your information: the period September 14th- October 6th was already covered in issue 110/111 but wasn't complete. Therefore this period is reprinted and we hope this time with all the loggings. Those days marked with a (\*) means that we didn't receive all info thus implying they will be reprinted in the first 1992 edition of 'FRS Goes DX'. Thanks to all our very loyal contributors !!

## SATURDAY SEPTEMBER 14th 1991

|      |       |                     |     |       |                |
|------|-------|---------------------|-----|-------|----------------|
| 6200 | 20.35 | Radio Orang Utan    | --- | 0=3   | BBC splatter   |
| 6205 | 06.55 | Radio Fax           | 0=5 | 0=3-4 |                |
| 6226 | 23.59 | Weekend Music Radio | --- | ---   |                |
| 6230 | 15.19 | JRR                 | 0=2 | ---   |                |
| 6240 | 09.45 | Radio Merlin Int.   | 0=3 | ---   |                |
| 6275 | 17.23 | Weekend Music Radio | 0=4 | ---   | Qso broadcast  |
| 6275 | 17.24 | Live Wire Radio     | 0=5 | ---   | Qso broadcast  |
| 6275 | 22.05 | WNKR                | --- | ---   |                |
| 6293 | 23.08 | Radio Stella        | --- | 0=3   | Stella DX/Mx   |
| 6305 | 08.10 | Radio Harmony       | 0=5 | 0=3-4 | See news       |
| 6525 | 13.44 | Radio Pamela FM     | --- | 0=3   | Test broadcast |
| 6527 | 10.00 | Unid                | --- | 0=3   | Dutch station  |
| 6556 | 11.06 | Radio Great Pigeon  | --- | 0=3-4 | Dutch music    |
| 6556 | 14.41 | Unid                | --- | ---   | Great Pigeon?  |
| 7384 | 17.29 | Weekend Music Radio | --- | ---   | Qso-ing        |
| 7384 | 17.47 | Unid                | --- | ---   |                |
| 7389 | 17.47 | Weekend Music Radio | --- | ---   | Qso-ing        |
| 7446 | 23.58 | Radio Stella Int.   | 0=3 | 0=3   | Usual format   |

## SUNDAY SEPTEMBER 15th 1991

|      |       |                     |       |       |                  |
|------|-------|---------------------|-------|-------|------------------|
| 6200 | 08.33 | Radio Orang Utan    | 0=4-5 | 0=4-5 | Oldies           |
| 6200 | 10.41 | FRS-Holland         | 0=4-5 | 0=3-5 | Test broadcast   |
| 6205 | 09.22 | Radio Fax           | 0=5   | 0=2-3 |                  |
| 6210 | 08.36 | Radio Mutiny        | 0=1-4 | 0=3   | 15W only         |
| 6220 | 08.17 | Radio Nordlicht     | ---   | 0=2   |                  |
| 6225 | 10.10 | Star Club Radio     | ---   | 0=1-3 | Wupp addr        |
| 6230 | 07.31 | JRR                 | 0=3-5 | 0=3   | Testing 150W rig |
| 6230 | 10.05 | Unid                | ---   | 0=3-4 | Burscheid announ |
| 6233 | 13.32 | Radio Mutiny Int.   | 0=2-4 | 0=2-4 | Qso-ing          |
| 6233 | 13.39 | Radio Pamela        | 0=2   | ---   | Qso-ing          |
| 6235 | 10.06 | Unid                | ---   | 0=3-4 | Burscheid announ |
| 6235 | 15.35 | Weekend Music Radio | 0=4   | ---   | Qso              |
| 6240 | 11.20 | Weekend Music Radio | 0=4-5 | ---   | Test             |
| 6256 | 08.35 | Radio Nordlicht     | ---   | 0=2   | //6256 !         |
| 6275 | 08.03 | WNKR                | 0=3-4 | 0=3-4 |                  |
| 6281 | 09.06 | Unid                | ---   | 0=4   | Burscheid announ |
| 6285 | 08.34 | Radio East Coast H. | 0=3-4 | 0=3-4 |                  |
| 6290 | 09.51 | Radio Orion         | 0=3-5 | 0=2-4 |                  |
| 6292 | 09.08 | Radio Stella        | 0=4   | 0=2   |                  |

# «FRS GOES DX» THE MAGAZINE FOR FREE RADIO ENTHUSIASTS

## SUNDAY SEPTEMBER 15th 1991 (Cont.)

|       |       |                    |      |       |                  |
|-------|-------|--------------------|------|-------|------------------|
| 6305  | 08.25 | Radio Harmony      | 0=5  | 0=3   |                  |
| 6525  | 10.13 | Radio Pamela       | 0=3  | 0=4   | Test 15W         |
| 6540  | 10.14 | Station Sierra S.  | 0=3  | 0=2-3 |                  |
| 6552  | 09.37 | Unid               | ---  | 0=3   | E.Morricone mx   |
| 6556  | 11.57 | Radio Great Pigeon | ---  | 0=3   | Dutch/ann 101 FM |
| 6556  | 14.54 | Radio North Sea    | ---  | 0=3   | Via Gr. Pigeon   |
| 7441  | 10.58 | Radio Titanic      | ---  | 0=3   | 16th Birthday    |
| 7446  | 08.46 | Radio Stella       | 0=4  | 0=3   | //6292           |
| 7484  | 08.50 | Radio Titanic      | ---  | 0=3   | Via relay        |
| 7525  | 07.34 | RWI                | 0=4! | 0=3-4 | Test?            |
| 11400 | 08.30 | Radio Waves Int.   | ---  | 0=3   | Popmx            |
| 15032 | 12.00 | Radio North Sea    | ---  | ---   | German station   |

## SATURDAY SEPTEMBER 21st 1991

|      |       |                      |     |       |                  |
|------|-------|----------------------|-----|-------|------------------|
| 3910 | 20.54 | FRS-Holland          | 0=3 | 0=3-4 |                  |
| 6205 | 10.24 | Radio Fax            | 0=5 | 0=3   | Non-stop mx      |
| 6225 | 08.15 | Star Club Radio      | --- | 0=3   | Popmx            |
| 6229 | 20.37 | Jolly Roger Radio    | --- | 0=3   | E.popmx          |
| 6230 | 23.47 | Britain Radio        | --- | 0=4   | USA test         |
| 6240 | 07.15 | Radio Merlin         | 0=2 | 0=2   |                  |
| 6240 | 23.58 | Weekend Music Radio  | --- | 0=3-4 | Special nighttrm |
| 6262 | 23.55 | NISWRS               | --- | 0=2-4 | E.popmx          |
| 6270 | 22.30 | Unid (not a pirate?) | --- | 0=2   | Religious        |
| 6290 | 16.38 | Radio Orion          | 0=4 | 0=2   | Rockmx           |
| 6292 | 23.40 | Radio Stella         | --- | 0=3   | E//7446          |
| 6296 | 01.25 | Radio With. Borders  | --- | ---   |                  |
| 6300 | 23.30 | Radio Confusion      | --- | 0=3   | E, music         |
| 6305 | 09.11 | Radio Harmony        | 0=4 | 0=3   | Easy listening   |
| 6556 | 13.07 | Radio North Sea      | --- | 0=3-4 |                  |
| 7446 | 23.30 | Radio Stella Int.    | --- | 0=3   | Dx-news & Mx     |

## SUNDAY SEPTEMBER 22nd 1991

|      |       |                      |       |       |                  |
|------|-------|----------------------|-------|-------|------------------|
| 3910 | 00.01 | FRS-Holland          | 0=2-3 | 0=2-4 | Special test/60W |
| 6205 | 09.34 | Radio Fax            | 0=5   | 0=3   |                  |
| 6227 | 08.00 | Starclub Radio       | ---   | 0=3   | G,oldies special |
| 6229 | 07.36 | Southern Music Radio | 0=3   | ---   | Via JRR          |
| 6229 | 08.24 | JRR                  | 0=3   | 0=2   | E.popmx          |
| 6230 | 00.15 | Britain Radio Int.   | ---   | 0=4   | USA test         |
| 6232 | 09.10 | Britain Radio Int.   | 0=4-5 | 0=3-4 | Info & music     |
| 6233 | 13.15 | Radio Pamela         | 0=2-3 | ---   | Qso-ing          |
| 6233 | 13.32 | Radio Confusion      | 0=4   | ---   | Qso-ing          |
| 6234 | 12.50 | Unid                 | ---   | ---   |                  |
| 6240 | 01.30 | Weekend Music Radio  | ---   | 0=4   | Popmx//15043     |
| 6240 | 08.00 | Radio Merlin Int.    | 0=3-5 | 0=2-3 |                  |
| 6255 | 11.14 | Radio Confusion      | 0=3-5 | 0=2-3 | Qso-ing          |
| 6255 | 12.40 | Weekend Music Radio  | 0=5   | ---   | Qso-ing          |
| 6261 | 00.40 | NISWRS               | ---   | 0=3-4 | Popmx            |
| 6262 | 09.17 | European Pirate R.   | 0=3-5 | 0=2   | Via NISWRS       |
| 6275 | 09.03 | WNKR                 | 0=3-4 | 0=3   |                  |
| 6280 | 08.05 | Nordlicht Radio (?)  | ---   | ---   |                  |



SUNDAY SEPTEMBER 22nd 1991 (Cont.)

|       |       |                     |       |       |               |
|-------|-------|---------------------|-------|-------|---------------|
| 6290  | 10.17 | Radio Orion         | 0=4-5 | 0=2-3 | Rockmx        |
| 6290  | 15.44 | Radio Harmonic      | 0=5   | ---   | Spoof station |
| 6292  | 07.12 | Radio Stella        | 0=5   | 0=3   | //7446        |
| 6305  | 09.13 | Radio Harmony       | 0=5   | 0=3   | Soft popmx    |
| 6400  | 12.10 | Radio Mi Amigo      | 0=4   | 0=2-3 |               |
| 6557  | 10.25 | Unid                | ---   | 0=4   | French popmx  |
| 7384  | 12.55 | Weekend Music Radio | ---   | ---   | Qso-ing       |
| 7446  | 09.13 | Radio Stella        | 0=4   | 0=2   | //6292        |
| 7492  | 10.00 | Radio Brigitte      | ---   | ---   |               |
| 12255 | 08.52 | Radio Fax           | ---   | 0=2   | //6205        |

SATURDAY SEPTEMBER 28th 1991

|       |       |                   |     |       |                  |
|-------|-------|-------------------|-----|-------|------------------|
| 6205  | 08.21 | Radio Fax         | 0=5 | 0=3-4 |                  |
| 6232  | 08.58 | Jolly Roger Radio | --- | 0=2-3 | Tx failures 0918 |
| 6240  | 07.45 | Radio Merlin      | 0=5 | 0=3-4 |                  |
| 6305  | 12.26 | Radio Harmony     | 0=5 | 0=3   |                  |
| 6556  | 15.47 | Unid              | --- | 0=3   | Non-stop mx      |
| 7295  | 10.32 | KWFM              | --- | 0=2   | Via relay?       |
| 12255 | 15.33 | Radio Fax         | --- | 0=1-2 | //6205           |

SUNDAY SEPTEMBER 29th 1991

|       |       |                      |       |       |                  |
|-------|-------|----------------------|-------|-------|------------------|
| 6205  | 07.48 | Radio Fax            | 0=5   | 0=3-4 |                  |
| 6215  | 10.51 | Radio Anorak         | 0=2   | 0=4   | See news         |
| 6220  | 11.02 | Radio Nordlicht      | ---   | 0=3   |                  |
| 6229  | 09.00 | Star Club Radio      | ---   | 0=3   | G, popmx         |
| 6230  | 07.57 | Radio London         | 0=2   | 0=3   | Via ??           |
| 6230  | 09.17 | Radio Gemini         | 0=2-5 | 0=3-4 | Gems, popmx      |
| 6233  | 12.45 | Radio Mutiny Int.    | 0=2-3 | 0=2-4 |                  |
| 6235  | 08.58 | Star Club Radio      | ---   | 0=3   | Oldies & Info    |
| 6240  | 07.38 | Radio Merlin         | 0=1-4 | 0=2-4 |                  |
| 6275  | 08.13 | Radio Telstar        | ---   | 0=3/4 | Popmx            |
| 6275  | 08.58 | WNKR                 | 0=4   | 0=3-4 | Rockmx           |
| 6277  | 08.01 | Radio Helter Skelter | 0=4   | ---   |                  |
| 6290  | 10.25 | Radio Orion          | 0=2-5 | 0=3   | Rockmx           |
| 6292  | 07.35 | Radio Stella Int.    | 0=4   | 0=2-4 | 20 watts         |
| 6299  | 11.03 | Unid                 | ---   | ---   | Harmony splatter |
| 6305  | 09.10 | Radio Harmony        | 0=5   | 0=2-4 |                  |
| 6524  | 09.57 | Radio Pamela         | 0=3   | 0=3   |                  |
| 6527  | 16.17 | Radio Equinox        | ---   | 0=2-4 | French show      |
| 6527  | 16.55 | Radio Luce           | ---   | 0=2-4 | Via Equinox      |
| 6556  | 15.18 | Sky Radio            | ---   | 0=3   | Dutch station    |
| 6593  | 14.49 | Freesound Radio      | ---   | 0=3   |                  |
| 7285  | 08.21 | Radio Mona Lisa      | ---   | 0=2-3 | See news         |
| 7446  | 07.45 | Radio Stella         | ---   | 0=3   | //6292;30W       |
| 7479  | 09.06 | Radio Benelux        | ---   | 0=3-4 |                  |
| 7562  | 10.45 | Radio Brigitte       | ---   | 0=2   |                  |
| 7590  | 09.25 | Radio KCIA           | ---   | 0=4   | See news         |
| 15030 | 10.09 | Radio New York Int.  | ---   | 0=1-2 | Caroline info    |

SATURDAY OCTOBER 5th 1991

|       |       |                      |       |       |               |
|-------|-------|----------------------|-------|-------|---------------|
| 6205  | 09.15 | Radio Fax            | 0=5   | 0=3   |               |
| 6220  | 15.00 | Radio Universe       | ---   | ---   | See news      |
| 6220  | 22.00 | Unid                 | ---   | ---   |               |
| 6225  | 14.12 | Nordlicht Radio      | ---   | 0=3   |               |
| 6229  | 14.15 | Nordlicht Radio      | ---   | 0=3   |               |
| 6230  | 13.51 | JRR                  | 0=2-3 | 0=2   | Popmx         |
| 6231  | 23.30 | Britain Radio Int.   | ---   | 0=3-4 | USA test      |
| 6240  | 09.19 | Radio Merlin         | 0=3   | 0=2   | Morse interf. |
| 6262  | 23.18 | European Pirate R.   | ---   | 0=3   | Via NISWRS    |
| 6275  | 09.32 | Radio Universum      | ---   | ---   | Test/CQ-call  |
| 6277  | 16.04 | Unid                 | ---   | 0=3   | German        |
| 6284  | 13.44 | Radio Universe       | ---   | ---   | Test          |
| 6290  | 17.32 | Radio Orion          | 0=2-3 | ---   |               |
| 6305  | 17.33 | Radio Harmony        | 0=5   | 0=3   |               |
| 6524  | 14.35 | Pamela/Tina          | 0=3   | ---   |               |
| 6556  | 16.31 | Radio Atlantic       | ---   | 0=3-4 | See news      |
| 12255 | 14.00 | Radio Fax            | 0=2   | 0=2-3 | //6205        |
| 15032 | 20.30 | Radio Free Massach.! | ---   | ---   | US pirate!    |

SUNDAY OCTOBER 6th 1991

|      |       |                      |       |       |                 |
|------|-------|----------------------|-------|-------|-----------------|
| 6205 | 09.30 | Radio Fax            | 0=5   | 0=3   |                 |
| 6220 | 08.58 | Midlands Music Radio | 0=3-4 | 0=3   | Bad mod         |
| 6225 | 15.21 | FRS-Holland          | 0=3-4 | 0=3-4 | Test            |
| 6230 | 00.02 | Britain Radio Int.   | ---   | 0=3-4 | Test            |
| 6231 | 08.42 | Radio London         | 0=3-5 | 0=2-3 | Via JRR         |
| 6231 | 09.07 | JRR                  | 0=3-5 | 0=2-3 | E, popmx        |
| 6231 | 13.42 | Radio Europe         | ---   | ---   | Via JRR         |
| 6240 | 09.04 | Radio Merlin Int.    | 0=2-5 | 0=3   | E, popmx        |
| 6255 | 09.39 | Radio Geronimo       | 0=2-4 | 0=2-4 | Test            |
| 6255 | 11.10 | Radio Helgoland      | ---   | ---   | Dutch           |
| 6262 | 08.17 | European Pirate R.   | 0=3   | 0=2   | Via NISWRS      |
| 6275 | 08.15 | WFRL                 | 0=2-5 | 0=2-4 | E, news & popmx |
| 6275 | 14.27 | WNKR                 | 0=5   | 0=2-4 | E, popmx        |
| 6276 | 23.37 | WNKR                 | ---   | ---   | Popmx           |
| 6280 | 10.10 | Ozone Radio          | 0=3-5 | ---   | E, popmx        |
| 6282 | 12.55 | Live Wire Radio      | 0=5   | 0=4   | Qso-ing         |
| 6285 | 13.03 | Weekend Music Radio  | 0=4   | ---   | Qso             |
| 6288 | 09.05 | Nordlicht Radio      | ---   | ---   | Very weak       |
| 6290 | 08.45 | Unid                 | ---   | ---   | Helgoland?      |
| 6290 | 10.50 | Radio London         | 0=3   | 0=2-3 | Via Orion       |
| 6290 | 13.04 | Radio Orion          | 0=4-5 | 0=2-3 | E, rockmx       |
| 6296 | 11.15 | Weekend Music Radio  | 0=4-5 | ---   | Test broadcast  |
| 6300 | 11.50 | Unid                 | 0=5   | ---   | Brief trm/loud! |
| 6305 | 09.05 | Radio Harmony        | 0=5   | 0=3-4 | Usual format    |
| 6331 | 10.05 | Unid                 | ---   | ---   | Weird freq!     |
| 6524 | 10.52 | Radio Pamela         | 0=3   | 0=3   |                 |
| 6527 | 08.34 | CRS                  | 0=3   | 0=2-4 | Popmx           |
| 6527 | 09.17 | Radio Luce           | ---   | 0=2-4 | F/non-stop mx   |
| 6527 | 11.32 | Unid                 | ---   | 0=2-4 | JM Jarre mx     |
| 6556 | 13.12 | Radio Atlantic       | ---   | 0=4   | Non-stop mx     |
| 7297 | 09.30 | Radio Marabu         | ---   | 0=2-3 | Via Europe      |



SUNDAY OCTOBER 6th 1991 (Cont.)

|       |       |                     |       |       |               |
|-------|-------|---------------------|-------|-------|---------------|
| 7447  | 10.10 | Radio Brigitte      | ---   | 0=3   |               |
| 7450  | 08.33 | Radio Perfect       | 0=2   | 0=4   | Via RWI       |
| 7450  | 09.10 | RWI                 | 0=2   | 0=2-4 | F,E/popmx     |
| 7450  | 09.35 | Altern. SW          | 0=2   | 0=2-3 | First SW BC   |
| 7480  | 09.49 | Radio Benelux       | ---   | 0=4   | Rockmx        |
| 7495  | 08.20 | Radio Perfect       | 0=2   | 0=3   | Via Vanessa   |
| 7495  | 09.25 | Radio Vanessa       | 0=2   | 0=3   | Popmx         |
| 11401 | 08.59 | Radio Perfect       | 0=2   | 0=2-4 | Via RWI       |
| 11401 | 09.10 | RWI                 | 0=2   | 0=2-4 | //7450        |
| 11401 | 09.35 | Altern. SW          | 0=2   | 0=2-4 | Via RWI       |
| 11414 | 10.55 | Weekend Music Radio | 0=4-5 | 0=4   | Testbroadcast |
| 12255 | 14.06 | Radio Fax           | ---   | 0=2   | //6205        |

SATURDAY OCTOBER 12th 1991

|       |       |                      |       |       |                 |
|-------|-------|----------------------|-------|-------|-----------------|
| 6205  | 10.00 | Radio Fax            | 0=5   | 0=3   | Non-stop mx     |
| 6231  | 11.20 | Unid                 | 0=2   | ---   |                 |
| 6232  | 22.03 | Jolly Roger Radio    | ---   | 0=2   | E,popmx         |
| 6240  | 16.38 | Radio Merlin Int.    | 0=3-4 | 0=2-3 | Popmx           |
| 6255  | 22.45 | Radio Mirage         | ---   | 0=3   | Test?           |
| 6285  | 13.35 | Radio Gloria         | ---   | ---   | Qso             |
| 6290  | 13.18 | Radio Confusion      | ---   | 0=2-3 | Qso with WMR    |
| 6292  | 23.54 | Radio Stella         | ---   | 0=2   | Jock Wilson     |
| 6296  | 12.35 | Weekend Music Radio  | 0=4-5 | ---   | Test/Qso        |
| 6300  | 14.27 | Midlands Music Radio | ---   | ---   | Cq call         |
| 6300  | 23.30 | Radio Confusion      | ---   | 0=2   |                 |
| 6305  | 15.55 | Radio Harmony        | 0=5   | 0=3-4 | Soft popmx      |
| 6550  | 14.20 | Radio Gloria         | ---   | ---   | Qso             |
| 6556  | 16.00 | Radio Great Pigeon   | ---   | 0=3-4 | Dutch           |
| 7446  | 23.17 | Radio Stella         | ---   | 0=2   | //6292          |
| 7485  | 09.57 | Radio Brigitte       | ---   | 0=3-4 |                 |
| 11415 | 12.49 | Weekend Music Radio  | 0=4   | 0=3-4 | Test/Qso;//6296 |
| 12255 | 16.45 | Radio Fax            | ---   | 0=2   | //6205          |

SUNDAY OCTOBER 13th 1991

|      |       |                     |       |       |                  |
|------|-------|---------------------|-------|-------|------------------|
| 6199 | 10.59 | Trans World Radio   | 0=4-5 | 0=4-5 | See news         |
| 6201 | 08.10 | Radio Orang Utan    | 0=3-4 | 0=4   | Oldies show      |
| 6205 | 08.09 | Radio Fax           | 0=5   | 0=2-3 | E,popmx          |
| 6209 | 12.23 | KING Radio          | 0=2   | ---   | Fax splatter/UK? |
| 6210 | 13.24 | Freesound Radio     | 0=3-4 | 0=2-3 | Sign-off 13.45   |
| 6224 | 12.28 | Unid                | 0=3   | 0=2   | Non-stop mx      |
| 6230 | 00.05 | JRR                 | ---   | 0=3   | Oldies;USA test  |
| 6230 | 09.12 | Star Club Radio     | ---   | 0=2-3 | BRI QRM...       |
| 6230 | 11.01 | Trans World Radio   | 0=4-5 | 0=4-5 | On till 11.20    |
| 6231 | 09.15 | Britain Radio Int.  | 0=3-5 | 0=2-4 | SCR QRM...       |
| 6232 | 08.06 | Radio Peace in Act. | 0=4-5 | ---   | Relayed??        |
| 6240 | 11.25 | Radio Merlin        | 0=3-5 | 0=2-4 | Loop tape        |
| 6255 | 00.42 | Radio Mirage        | 0=3-4 | 0=3   | 60's oldies      |
| 6255 | 12.59 | Radio Gloria        | 0=2   | ---   | Qso-ing...       |
| 6262 | 01.03 | Radio Peace in Act. | ---   | 0=2   | Info & mx        |
| 6262 | 07.27 | Radio Peace in Act. | 0=3-4 | ---   | Info & mx        |

SUNDAY OCTOBER 13th 1991 (Cont.)

|       |       |                      |       |       |                  |
|-------|-------|----------------------|-------|-------|------------------|
| 6262  | 10.27 | NISWRS               | 0=3-4 | ---   |                  |
| 6275  | 10.00 | WNKR                 | 0=5   | 0=3-4 | E,popmx          |
| 6280  | 10.11 | Ozone Radio          | 0=2-4 | 0=1-3 | WNKR interf.     |
| 6285  | 09.25 | Unid                 | ---   | 0=3   | DSWCI/AWR relay  |
| 6285  | 10.05 | Radio Mirage         | 0=3-4 | 0=2-4 | Ian Page/rockmx  |
| 6285  | 10.50 | Radio Marabu         | ---   | 0=2-4 | E,G/alt. mx/QRM  |
| 6290  | 10.14 | Radio Orion          | 0=5   | 0=3   | E,popmx          |
| 6290  | 15.10 | Radio London         | 0=4-5 | 0=2-3 | Via Orion??      |
| 6292  | 07.28 | Radio Stella         | 0=4   | 0=2-3 | Jock Wilson      |
| 6295  | 09.55 | Unid                 | ---   | 0=4-5 | Strong carrier   |
| 6300  | 15.00 | Freesound Radio      | 0=3-4 | ---   | E,popmx          |
| 6305  | 11.22 | Radio Harmony        | 0=5   | 0=3-4 | E,loop tape      |
| 6527  | 08.36 | Cland. Radio Soc.    | 0=4   | 0=3   | Popmx            |
| 6527  | 09.47 | Radio Equinoxe       | 0=4   | 0=3-4 | F,E/low mode     |
| 6556  | 10.00 | Unid                 | ---   | ---   |                  |
| 6556  | 17.00 | Radio Atlantic       | ---   | 0=3   | Nijmegen address |
| 7375  | 09.30 | JRR                  | ---   | 0=3   |                  |
| 7385  | 07.59 | Radio Mirage         | 0=4-5 | 0=3-4 | E,rockmx         |
| 7435  | 08.27 | RWI                  | ---   | ---   | F/popmx          |
| 7446  | 09.23 | Radio Stella         | 0=3   | 0=2   | //6292           |
| 7450  | 07.31 | RWI                  | 0=3   | 0=3-4 | Good mod level!! |
| 7450  | 09.00 | Southern Music R.    | 0=3   | 0=3-4 | Via RWI          |
| 7479  | 08.55 | Radio Benelux        | 0=3   | 0=3-4 | Interval signal  |
| 7485  | 09.31 | Radio Brigitte       | 0=3   | 0=2-3 | Terrible mod!    |
| 11401 | 07.00 | Radio Waves Int.     | 0=4   | 0=4   | Very clear mod   |
| 11401 | 08.02 | Southern Music Radio | ---   | 0=4   | Via Waves        |
| 12255 | 16.05 | Radio Fax            | ---   | 0=2   | //6205           |

SATURDAY OCTOBER 19th 1991

|       |       |                     |     |       |                 |
|-------|-------|---------------------|-----|-------|-----------------|
| 6205  | 07.00 | Radio Fax           | 0=5 | 0=2   | E,music         |
| 6230  | 23.56 | Britain Radio Int.  | --- | 0=2-3 | E,music         |
| 6232  | 23.00 | Jolly Roger Radio   | --- | 0=2   | ID's,mx         |
| 6240  | 22.41 | JRR                 | --- | 0=3   |                 |
| 6275  | 11.39 | Unid                | --- | 0=3   | Music           |
| 6281  | 23.57 | Radio East Coast H. | --- | 0=2-3 |                 |
| 6285  | 22.56 | Radio Titanic Int.  | --- | 0=2   | RECH QRM!       |
| 6296  | 23.40 | Radio Stella        | --- | 0=2-3 | New freq!       |
| 6305  | 23.18 | Unid                | 0=4 | 0=3   | No Harmony ID's |
| 6524  | 14.26 | Radio Pamela        | --- | ---   | Test            |
| 6556  | 16.35 | Unid                | --- | 0=3   | Atlantic?       |
| 7446  | 08.41 | Radio Stella        | 0=4 | 0=2   | See news        |
| 9980  | 08.42 | Radio Stella        | 0=4 | ---   | See news        |
| 11416 | 08.50 | Radio Stella        | --- | 0=3   | See news        |
| 11490 | 23.58 | Radio East Coast H. | --- | 0=2   | //6280          |

THE SHORT WAVE ADDRESSES 1- 4 :

- 1 = Box 220342 - DW-5600 WUPPERTAL - Germany.
- 2 = P.O.Box 19074 - 3501 DB UTRECHT - Holland.
- 3 = 32 Victoria Road - SALISBURY - Wiltshire SP1 3NG - UK.
- 4 = Box 130 - 92504 RUEIL CEDEX - France.



**SUNDAY OCTOBER 20th 1991**

|       |       |                     |       |       |                  |
|-------|-------|---------------------|-------|-------|------------------|
| 6205  | 07.50 | Radio Fax           | 0=5   | 0=3   | E, popmx//12255  |
| 6214  | 15.16 | Unid                | ---   | 0=3-4 | Undermodulated   |
| 6225  | 08.55 | FRS-Holland         | 0=3-4 | 0=3-4 | See FRS Newscor. |
| 6231  | 00.00 | Britain Radio Int.  | ---   | 0=3   | USA test ?       |
| 6232  | 07.56 | Jolly Roger Radio   | 0=3-5 | 0=3   | E, popmx         |
| 6251  | 13.49 | Centre Radio        | 0=2   | ---   | Via relay?       |
| 6255  | 11.15 | Radio Confusion     | 0=4   | 0=3-4 | Punk history     |
| 6262  | 07.50 | NISWRS              | 0=3-4 | 0=2-3 | Popmx            |
| 6262  | 09.49 | European Pirate R.  | 0=3-4 | 0=2-3 | Via NISWRS       |
| 6275  | 08.22 | Radio CLCG          | 0=4   | 0=3   | Via WNKR         |
| 6275  | 08.45 | WNKR                | 0=4   | 0=3-4 | Popmx            |
| 6281  | 00.01 | RECH                | ---   | 0=2   | //11490          |
| 6282  | 08.57 | Radio Rabbit        | ---   | 0=3   | See news         |
| 6280  | 09.08 | Radio CLCG          | ---   | 0=3   | Via SCR          |
| 6282  | 10.10 | Radio Antenna West  | ---   | 0=3   | Via SCR          |
| 6282  | 12.25 | West German P.O.    | ---   | 0=3   | G/Oldies         |
| 6282  | 13.55 | Star Club Radio     | ---   | 0=3   | Popmx            |
| 6285  | 00.04 | Radio Titanic       | ---   | 0=2   | RECH QRM         |
| 6287  | 09.33 | Nordlicht Radio     | ---   | 0=3   | Tel. number!     |
| 6290  | 11.00 | Radio Orion         | 0=4-5 | 0=2   | E, rockmx        |
| 6291  | 15.04 | Total Control Radio | 0=2   | 0=2   |                  |
| 6296  | 09.02 | Radio Stella        | 0=4   | 0=2   | on 4 freqs!!     |
| 6305  | 09.32 | Unid                | 0=4-5 | 0=3   | Non-stop mx      |
| 6400  | 11.31 | Radio Mi Amigo      | 0=3-4 | 0=3   | Undermodulated   |
| 6527  | 08.18 | CRS                 | 0=2   | 0=2-4 | E, low mod       |
| 6527  | 09.07 | Radio Equinox       | 0=2   | 0=2-4 | Via CRS!         |
| 6527  | 10.36 | Radio Luce          | 0=2   | 0=2-4 | Via CRS          |
| 6556  | 14.24 | Radio Rodeo         | ---   | 0=1-3 | QRM              |
| 7295  | 08.08 | Radio Europe        | ---   | 0=2   | It/popmx         |
| 7446  | 08.03 | Radio Stella        | 0=4   | 0=2   | E, popmx         |
| 7484  | 10.07 | Radio Brigitte      | ---   | 0=3   | Again bad mode.. |
| 7591  | 11.08 | KCIA                | 0=3-4 | 0=4   | Herbie the Fish  |
| 9420  | 10.45 | Radio Europe        | ---   | 0=2   | Not same as 7295 |
| 9979  | 09.34 | Radio Stella        | 0=4   | 0=3   | //on 4 freqs!    |
| 11415 | 08.00 | Radio Stella        | 0=4   | 0=2   | //on 4 freqs!    |
| 12255 | 07.50 | Radio Fax           | ---   | 0=2   | //6205           |

**SATURDAY OCTOBER 26th 1991**

|      |       |                   |       |       |                 |
|------|-------|-------------------|-------|-------|-----------------|
| 6205 | 16.12 | Radio Fax         | 0=5   | 0=3   |                 |
| 6232 | 12.15 | Jolly Roger Radio | 0=2-4 | 0=2-3 | E, popmx        |
| 6273 | 23.54 | Unid              | ---   | ---   | NISWRS??        |
| 6282 | 12.25 | WGPO              | 0=2-3 | 0=3   | Via SCR         |
| 6282 | 15.26 | Star Club Radio   | ---   | 0=2   |                 |
| 6290 | 12.07 | Radio Orion       | 0=3-4 | 0=2-3 | Rockmx          |
| 6296 | 23.12 | Radio Stella      | ---   | 0=2   | E, Stella DX    |
| 6305 | 17.00 | Unid              | 0=5   | 0=3   | Still no ID's!! |
| 9420 | 12.30 | Radio Europe      | ---   | ---   | It/Non-stop mx  |



s.w. news

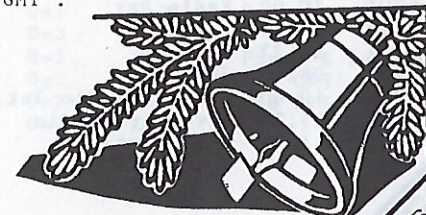
**SUNDAY OCTOBER 27th 1991**

|       |       |                    |       |       |                   |
|-------|-------|--------------------|-------|-------|-------------------|
| 6205  | 09.00 | Radio Fax          | 0=3-5 | 0=3   | E, popoldies      |
| 6219  | 12.30 | Freesound Radio    | 0=2-4 | 0=2-3 | Test              |
| 6219  | 16.19 | Freesound Radio    | ---   | ---   |                   |
| 6219  | 17.35 | Radio London       | ---   | ---   | Via Freesound     |
| 6225  | 10.11 | Radio Gemini       | 0=3-4 | 0=3   | See news          |
| 6231  | 07.54 | Jolly Roger Radio  | 0=2-3 | 0=2-4 | E, popmx          |
| 6231  | 09.08 | Radio Europe       | 0=4   | 0=2-3 | Via JRR           |
| 6232  | 09.23 | Britain Radio Int. | 0=3-4 | 0=2-3 | See news          |
| 6240  | 10.12 | Radio Geronimo     | 0=3-4 | 0=2-4 | Brief test?       |
| 6241! | 11.38 | East Coast Comm.   | 0=3-4 | 0=3   | Live/see news!    |
| 6253  | 10.59 | Riverside Radio    | ---   | 0=2-3 | Music             |
| 6262  | 10.07 | European Pirate R. | 0=2-4 | 0=2-3 | Via NISWRS        |
| 6275  | 09.29 | WNKR               | 0=3-5 | 0=3-4 | News & popmx      |
| 6275  | 10.45 | CLCG               | 0=3-5 | 0=3   | Via WNKR          |
| 6276  | 07.58 | Radio Delta        | ---   | 0=4   | High power test   |
| 6280  | 09.02 | Star Club Radio    | 0=5!  | 0=2   | QRM from Marabu   |
| 6282  | 10.18 | Star Club Radio    | ---   | 0=2   | Marabu QRM        |
| 6285  | 10.19 | Radio Marabu       | 0=2-4 | 0=4   | G, alt. popmx     |
| 6290! | 10.45 | East Coast Comm.   | 0=2-3 | 0=3   | Come-back on SW   |
| 6290  | 10.50 | Radio Orion        | 0=4-5 | 0=2-3 | ECC QRM           |
| 6296  | 09.25 | Radio Stella       | 0=3   | 0=2   | Stella DX/popmx   |
| 6305  | 09.48 | Unid               | 0=5   | 0=3   | Non-stop mx       |
| 6400  | 10.00 | Radio Mi Amigo     | 0=3   | 0=2   | Low mod/QRM       |
| 6527  | 08.37 | CRS                | 0=1-2 | 0=2-3 | Mikel Air         |
| 6527  | 10.13 | Radio Luce         | ---   | 0=2-3 | Via CRS           |
| 6527  | 12.56 | Radio Equinox      | ---   | 0=2-3 | Via CRS           |
| 6556  | 15.00 | Radio Atlantic     | ---   | 0=3   | E, D/test/popmx   |
| 6593  | 15.15 | Freesound Radio    | 0=1-4 | 0=2   | E, popmx          |
| 7296  | 08.00 | Radio Europe       | ---   | 0=2   | It/popmx          |
| 7415  | 10.21 | Live Wire Radio    | 0=5   | 0=4   | Test/see news     |
| 7446  | 08.50 | Radio Stella       | ---   | 0=3   | Jock, Jack & Bill |
| 7450  | 10.09 | RWI                | 0=3-4 | 0=3   | F, E/popmx        |
| 9420  | 08.10 | R. Europe Int.     | ---   | 0=2   | Non-stop mx/It    |
| 11416 | 10.50 | Radio Stella       | ---   | 0=2   | Deep fading       |

**SATURDAY NOVEMBER 2nd 1991**

|       |       |                     |     |       |             |
|-------|-------|---------------------|-----|-------|-------------|
| 6200  | 13.30 | Radio Orang Utan    | --- | 0=3-4 | E/ID/Popmx  |
| 6205  | 09.55 | Radio Fax           | 0=5 | 0=3   | E, popmx    |
| 6232  | 23.11 | Jolly Roger Radio   | --- | 0=2   |             |
| 6282  | 15.14 | WNR ??              | 0=4 | ---   |             |
| 6305  | 11.45 | Radio Harmony       | 0=5 | 0=3   | New address |
| 7450  | 12.16 | World Comm. Service | --- | 0=2   | Popmx       |
| 11401 | 12.18 | World Comm. Service | --- | 0=2   | //7450      |

ALL TIMES MENTIONED ARE IN UTC/ GMT .



s.w. news



SUNDAY NOVEMBER 3rd 1991

|       |       |                     |       |       |                  |
|-------|-------|---------------------|-------|-------|------------------|
| 6201  | 08.01 | Radio Orang Utan    | 0=3-4 | 0=3-5 | Tel. number      |
| 6201  | 11.45 | Radio Perfect       | ---   | 0=3-5 | G/via Orang U.!  |
| 6205  | 07.50 | Radio Fax           | 0=4-5 | 0=3   | E, popmx         |
| 6214  | 08.05 | Unid                | ---   | 0=2   | Instr. mx        |
| 6215  | 13.00 | Unid (same?)        | 0=2   | ---   |                  |
| 6225  | 10.04 | Radio Gemini        | 0=4   | 0=2   | Repeat 26-10     |
| 6230  | 13.16 | Radio Ridiculous    | 0=4   | ---   |                  |
| 6232  | 09.47 | Radio London        | 0=4-5 | 0=2-3 | Via JRR          |
| 6232  | 10.23 | Jolly Roger Radio   | 0=5   | 0=2-3 | E, music         |
| 6232  | 11.40 | Southern Music R.   | 0=5   | 0=2   | Via JRR          |
| 6255  | 10.27 | Halloween Radio     | 0=1-2 | 0=2   | E, music         |
| 6263  | 10.06 | Radio Marabu        | 0=2-4 | 0=2   | Via NISWRS       |
| 6275  | 09.49 | WNKR                | 0=4   | 0=3-4 | E, popmx         |
| 6276  | 08.08 | Radio Delta Elburg  | 0=3   | 0=3-4 | Dutch            |
| 6280  | 08.17 | Star Club Radio     | 0=3   | 0=3   |                  |
| 6290  | 10.56 | Radio Orion         | 0=3-5 | 0=2-3 | Rockmx           |
| 6296  | 09.43 | Radio Stella        | 0=4   | 0=2-3 | Stella DX        |
| 6305  | 10.09 | Radio Harmony       | 0=5   | 0=3-4 | Loop tape        |
| 6555  | 14.48 | Radio Atlantic      | ---   | 0=3   | Non-stop mx      |
| 7285  | 08.15 | Radio Mona Lisa     | 0=4   | 0=4   | Test/QSY to 7290 |
| 7290  | 08.27 | Radio Mona Lisa     | 0=4   | 0=3-4 | Test/popmx       |
| 7297  | 08.25 | Unid                | ---   | 0=2   | Disco mx         |
| 7305  | 10.10 | Radio Terminator    | ---   | 0=2   | D/polka sound... |
| 7416  | 08.18 | Unid                | ---   | 0=2   | Popmx            |
| 7446  | 07.20 | Radio Stella        | 0=4   | 0=3   | //6296//9979     |
| 7450  | 09.30 | World Comm. Service | 0=3   | 0=1   | Heavy QRM        |
| 7450  | 10.06 | Alt. SW             | 0=3   | 0=3   | 2nd trm via RWI  |
| 7460  | 08.35 | Radio Anorak        | 0=4   | 0=2-4 | Test?            |
| 9420  | 08.22 | Europe Int.         | ---   | 0=2   | Non-stop mx      |
| 9979  | 07.20 | Radio Stella        | 0=5   | 0=2-3 | E, popmx         |
| 11401 | 08.56 | RWI                 | 0=2   | 0=3   |                  |
| 11401 | 09.08 | WCS                 | 0=2   | 0=3   | Via Waves tx     |
| 11401 | 10.08 | Alt. SW             | 0=2   | 0=2   | Via RWI          |
| 12255 | 08.23 | Radio Fax           | ---   | 0=2   | E, popmx//6205   |

SATURDAY NOVEMBER 9th 1991

|      |       |                   |       |       |             |
|------|-------|-------------------|-------|-------|-------------|
| 6205 | 13.00 | Radio Fax         | 0=4-5 | 0=2-3 | Popmx       |
| 6232 | 22.56 | Jolly Roger Radio | ---   | ---   |             |
| 6288 | 13.58 | Radio Nordlicht   | ---   | 0=3   |             |
| 6296 | 23.58 | Radio Stella      | ---   | 0=2-3 | Jock Wilson |
| 6556 | 16.03 | Radio Atlantic    | ---   | 0=3   | Music       |

SUNDAY NOVEMBER 10th 1991

|      |       |                    |       |       |                 |
|------|-------|--------------------|-------|-------|-----------------|
| 6205 | 10.00 | Radio Fax          | 0=5   | 0=3   | Popmx & info    |
| 6214 | 12.20 | Unid               | ---   | 0=3-4 | Poor mod        |
| 6221 | 12.33 | Unid               | ---   | ---   |                 |
| 6232 | 08.45 | JRR                | 0=4-5 | 0=2-3 | Country mx      |
| 6232 | 10.00 | Britain Radio Int. | 0=4-5 | 0=3-4 | Infos & Popmx   |
| 6240 | 11.32 | Live Wire Radio    | 0=4-5 | 0=3-4 | Jack R./Bill L. |
| 6254 | 11.34 | Radio Mutiny       | 0=3-4 | 0=3   | QRM             |

SUNDAY NOVEMBER 10th 1991

|      |       |                     |       |       |                  |
|------|-------|---------------------|-------|-------|------------------|
| 6262 | 12.07 | Radio Marabu        | 0=2-3 | 0=2   | Via NISWRS       |
| 6274 | 10.39 | WNKR                | 0=3-5 | 0=3-4 | Drifting!        |
| 6280 | 11.38 | Ozone Radio         | 0=2-4 | 0=2   | E, popmx         |
| 6290 | 11.45 | Unid (Orion?)       | 0=3   | 0=2   | Popmx            |
| 6296 | 09.27 | Radio Stella        | 0=3   | 0=2   | Popmx            |
| 6527 | 10.36 | CRS                 | 0=2   | 0=3   | Veronica extract |
| 6527 | 11.44 | Radio Equinoxe      | 0=2   | 0=3   | Mod not clear    |
| 6527 | 15.15 | Radio Luce          | 0=2   | 0=3   | Via CRS          |
| 6549 | 13.00 | Radio Santana       | ---   | 0=2   | E, CQ call/Qso   |
| 6555 | 10.33 | Radio Helgoland     | ---   | 0=3-4 | See news         |
| 6555 | 12.50 | Radio Antenne West  | ---   | 0=3-4 | G, qso/5w only!  |
| 6556 | 15.20 | Radio Rodeo         | ---   | 0=3   | Test             |
| 7446 | 10.05 | Radio Stella        | 0=4   | 0=2   |                  |
| 7450 | 11.46 | World Comm. Service | 0=2   | 0=2   | QRM/Via RWI      |
| 7479 | 10.10 | Radio Benelux       | 0=2-3 | 0=3-4 | Utility interf.  |
| 7484 | 10.39 | Radio Marabu        | ---   | 0=3-4 | G, F/Alt. mx     |
| 9979 | 11.46 | Radio Stella        | 0=4-5 | 0=1-2 | //7446           |

SATURDAY NOVEMBER 16th 1991

|      |       |                 |       |       |               |
|------|-------|-----------------|-------|-------|---------------|
| 6205 | 09.03 | Radio Fax       | 0=3-5 | 0=3   | Popmx         |
| 6220 | 12.15 | Radio Reflex    | 0=3-4 | 0=3-4 | Test 300W??   |
| 6221 | 13.48 | Radio Nordlicht | 0=1-2 | 0=1-2 | Very weak     |
| 6224 | 14.08 | Radio Brigitte  | ---   | 0=2   | Tests         |
| 6243 | 09.04 | Unid            | 0=3   | 0=4   | Test Dutch tx |
| 6253 | 13.39 | Radio Brigitte  | ---   | 0=2   | Test          |
| 6531 | 11.17 | Unid            | ---   | 0=3   | Dutch station |
| 6555 | 15.17 | Radio Rodeo     | ---   | 0=3   | Dutch station |
| 9420 | 10.29 | Radio Europe    | ---   | 0=2   |               |

SUNDAY NOVEMBER 17th 1991

|      |       |                   |     |       |                 |
|------|-------|-------------------|-----|-------|-----------------|
| 6205 | 08.44 | Radio Fax         | 0=5 | 0=3   | Popoldies       |
| 6215 | 13.29 | Radio Nolan       | --- | 0=3   | ID at 13.41     |
| 6220 | 09.58 | Radio Reflex      | 0=5 | 0=4   | See news        |
| 6220 | 14.46 | KING Radio        | 0=3 | 0=3   | Via Freesound   |
| 6231 | 08.50 | JRR               | 0=3 | 0=2-3 |                 |
| 6234 | 14.59 | Station Sierra S. | --- | 0=2   |                 |
| 6239 | 12.26 | Unid              | --- | 0=3   | Rockmx          |
| 6255 | 12.06 | Unid              | 0=2 | 0=2   | Weak.           |
| 6262 | 11.15 | Unid              | --- | ---   |                 |
| 6275 | 10.03 | WNKR              | 0=5 | 0=3-4 | Infos           |
| 6280 | 10.46 | Radio Dublin      | 0=3 | 0=3   | Via Ozone R.    |
| 6280 | 13.02 | Ozone Radio       | 0=2 | 0=2-3 |                 |
| 6290 | 11.07 | Radio Orion       | 0=5 | 0=3   | Rockmx          |
| 6296 | 08.51 | Radio Stella      | 0=4 | 0=2-3 | DX-infos/popmx  |
| 6310 | 11.39 | Unid              | 0=2 | 0=2   | Continuous mx   |
| 6400 | 14.45 | Radio Mi Amigo    | 0=3 | 0=2-4 |                 |
| 6527 | 09.59 | CRS               | 0=2 | 0=3   | Popmx & letters |
| 6527 | 10.05 | Radio CLCG        | 0=3 | 0=3   | Cia CRS!        |
| 6527 | 11.04 | Radio Equinoxe    | 0=2 | 0=3   | Via CRS         |
| 6527 | 12.26 | CRS               | 0=2 | 0=3   |                 |



SUNDAY NOVEMBER 24th 1991 (Cont.)

|       |       |                   |       |       |                  |
|-------|-------|-------------------|-------|-------|------------------|
| 6310  | 08.29 | Riverside Radio   | ---   | 0=2-3 |                  |
| 6310  | 09.50 | NISWRS            | 0=4   | ---   | Test?            |
| 6400  | 10.32 | WNKR              | 0=3-5 | 0=3   | //6275;WFRL info |
| 6527  | 09.22 | CRS               | 0=3   | 0=3-4 | Music            |
| 6527  | 10.01 | Radio Equinox     | 0=3   | 0=3-4 | Via CRS          |
| 6556  | 16.25 | Radio Europa      | ---   | 0=2   | Via Northsea     |
| 7440  | 08.54 | WCS               | 0=2   | 0=2-4 | Via RWI          |
| 7440  | 11.25 | KING Radio        | 0=2   | 0=2-4 | Via RWI          |
| 7446  | 08.40 | Radio Stella      | 0=4   | 0=2-3 |                  |
| 7480  | 09.32 | Radio Benelux     | 0=1-2 | 0=2-3 | Quite weak       |
| 9420  | 10.06 | Radio Europe Int. | ---   | 0=2-3 | It, popmx        |
| 9980  | 09.30 | Radio Stella      | 0=4   | 0=2-3 |                  |
| 11400 | 09.23 | WCS               | 0=4   | 0=3-4 | //7440           |
| 11416 | 09.29 | Radio Stella      | 0=2   | 0=3   |                  |
| 12255 | 08.20 | Radio Fax         | ---   | 0=2   | //3910//6205     |

SATURDAY NOVEMBER 30th 1991

|      |       |              |       |       |                |
|------|-------|--------------|-------|-------|----------------|
| 3910 | 16.55 | Radio Fax    | 0=5   | 0=3   | //6205 & 12255 |
| 6205 | 10.52 | Radio Fax    | 0=5   | 0=3-4 |                |
| 6212 | 11.04 | Unid         | ---   | 0=2-3 | Qso-ing, D     |
| 6220 | 16.46 | Radio Reflex | ---   | 0=3-4 | Test           |
| 6225 | 14.45 | Unid         | 0=3-5 | ---   | Non-stop mx    |
| 6240 | 10.57 | Radio Delta  | 0=2   | 0=3   | Poor mod       |
| 6300 | 10.55 | Unid         | ---   | 0=2   | Qso-ing        |
| 6531 | 13.3  | Unid         | ---   | 0=3   | Beilen addr;D  |

SUNDAY DECEMBER 1st 1991 \*

|      |       |                     |       |       |                   |
|------|-------|---------------------|-------|-------|-------------------|
| 3910 | 17.15 | Radio Fax           | 0=4-5 | 0=3   |                   |
| 6200 | 09.21 | Radio Orang Utan    | 0=3-4 | 0=3-4 | Oldies            |
| 6205 | 09.56 | Radio Fax           | 0=5   | 0=3   |                   |
| 6215 | 11.43 | Unid                | ---   | 0=3-4 | Undermodulated, D |
| 6220 | 10.08 | Radio Reflex        | 0=3   | 0=4   | 300W              |
| 6224 | 12.55 | Unid                | 0=2-5 | 0=3-4 | Non-stop mx       |
| 6232 | 09.57 | Radio London        | 0=2-3 | 0=2   | Via JRR           |
| 6232 | 10.14 | Radio Gemini        | 0=4   | ---   | Via JRR           |
| 6232 | 11.30 | JRR                 | 0=2-5 | 0=2   |                   |
| 6240 | 08.08 | Radio Merlin Int.   | 0=4-5 | 0=3-4 | See news          |
| 6250 | 12.22 | Weekend Music Radio | 0=4   | ---   |                   |
| 6262 | 09.25 | Radio Active        | 0=3-4 | 0=2   | Via NISWRS        |
| 6275 | 10.03 | WNKR                | 0=4-5 | 0=3-4 |                   |
| 6280 | 12.24 | Ozone Radio         | 0=2-4 | 0=2   |                   |
| 6288 | 09.28 | Star Club Radio     | ---   | 0=2-4 | QRM with Orion    |
| 6290 | 10.54 | Radio Orion         | 0=3-5 | 0=2-3 |                   |
| 6296 | 09.29 | Radio Stella        | 0=3-4 | 0=2   |                   |
| 6300 | 14.28 | KING Radio          | 0=3   | 0=3   | Very low mod      |
| 6400 | 09.40 | WFRL                | 0=4-5 | 0=3-4 | See news          |
| 6527 | 11.35 | CRS                 | 0=2-3 | 0=3   |                   |
| 6537 | 11.11 | Station Sierra S.   | 0=2   | 0=2   | Brigitte QRM      |
| 6540 | 09.16 | Radio Brigitte      | ---   | 0=2   | Sierra S. QRM     |
| 6543 | 11.15 | Radio Brigitte      | ---   | 0=2   | Qsy from 6540     |

SUNDAY NOVEMBER 17th 1991 (Cont.)

|       |       |                |       |       |                  |
|-------|-------|----------------|-------|-------|------------------|
| 6572  | 11.00 | Radio Brigitte | ---   | 0=2-3 | Bad mod...       |
| 7400  | 16.25 | Radio Mi Amigo | ---   | ---   | Test             |
| 7446  | 08.52 | Radio Stella   | 0=4   | 0=2-3 | On 4 frequencies |
| 7450  | 08.53 | WCS            | 0=2   | 0=3   | Via RWI          |
| 7540  | 16.53 | Radio Mi Amigo | ---   | ---   | Test             |
| 9980  | 12.48 | Radio Stella   | 0=2-4 | 0=2   |                  |
| 11401 | 08.54 | WCS            | 0=3   | 0=3-4 | //7450           |
| 11416 | 10.09 | Radio Stella   | 0=4   | 0=2   |                  |

SATURDAY NOVEMBER 23rd 1991

|       |       |                   |       |       |                  |
|-------|-------|-------------------|-------|-------|------------------|
| 3910! | 07.00 | Radio Fax         | ---   | 0=3   | New freq!        |
| 6205  | 14.19 | Radio Fax         | 0=4-5 | 0=3   | Engineering test |
| 6212  | 10.45 | Unid              | ---   | 0=2   | Music only       |
| 6218  | 09.38 | Radio Caldonia    | ---   | 0=3   | Test             |
| 6220  | 11.10 | Radio Reflex      | 0=3   | 0=4   | Test             |
| 6232  | 09.13 | JRR               | 0=2-4 | 0=2-3 |                  |
| 6232  | 10.17 | Southern Music R. | 0=3-4 | 0=2-3 | Via JRR          |
| 6234  | 09.40 | Unid              | ---   | 0=2   | Only music       |
| 6290  | 13.08 | Radio Orion       | 0=3-4 | 0=3   | Rockmx           |
| 6295  | 18.47 | Unid              | ---   | 0=3   | Low mod          |
| 6555  | 16.46 | Unid              | ---   | 0=3-4 | Dutch            |

SUNDAY NOVEMBER 24th 1991

|       |       |                     |       |       |                 |
|-------|-------|---------------------|-------|-------|-----------------|
| 3910! | 16.55 | Radio Fax           | 0=4-5 | 0=4   | //6205;see news |
| 3910  | 17.59 | Reflections '91     | 0=4-5 | 0=3   | Religious pxs   |
| 6205  | 09.20 | Radio Fax           | 0=5   | 0=3   |                 |
| 6211  | 14.21 | Delta Saterland     | ---   | 0=3   | Qso to Pluto    |
| 6212  | 08.50 | Radio Nolan         | ---   | 0=4   | Classical music |
| 6220  | 10.20 | Radio Reflex        | 0=3-4 | 0=4   | Scheduled px    |
| 6220  | 12.33 | Freesound Radio     | 0=3   | 0=2-4 | QRM with Reflex |
| 6224  | 15.14 | Unid                | 0=4   | 0=2   | Continuous mx   |
| 6225  | 13.24 | Star Club Radio     | 0=3   | 0=3   | QSo to Pluto    |
| 6234  | 11.32 | Britain Radio Int.  | 0=4   | 0=3-4 | News & music    |
| 6239  | 13.53 | Radio Pluto         | ---   | 0=3   | Qso-ing         |
| 6240  | 09.40 | Unid                | ---   | 0=2   | Just music      |
| 6240  | 12.05 | Weekend Music Radio | 0=3-5 | 0=2-4 |                 |
| 6255  | 08.38 | Radio Brigitte      | 0=2   | 0=3   |                 |
| 6256  | 12.57 | Radio Confusion     | 0=2-3 | ---   |                 |
| 6257  | 11.19 | PFBS Radio          | ---   | 0=3-4 | Test;new QRG    |
| 6262  | 10.42 | European Pirate R.  | 0=3   | 0=2-3 | Via NISWRS      |
| 6262  | 13.20 | Unid                | ---   | 0=2   | Via NISWRS ?!   |
| 6275  | 09.06 | Sud-West Radio      | 0=3   | 0=3   | G,rockmx        |
| 6275  | 10.00 | WNKR                | 0=4   | 0=3   | Caroline info   |
| 6280  | 11.10 | Ozone Radio         | 0=3-5 | 0=1-3 | Popmx           |
| 6290  | 11.13 | Radio Orion         | 0=3-5 | 0=2-3 | Rockmx          |
| 6295  | 15.05 | Freesound Radio     | 0=3   | 0=3   |                 |
| 6295  | 16.33 | Radio London        | 0=3   | 0=3   | Via Freesound   |
| 6296  | 09.14 | Radio Stella        | 0=4   | 0=2   | On 4 freq.      |
| 6299  | 10.41 | Unid                | ---   | 0=2   | Music           |
| 6300  | 12.38 | Radio Terminator    | ---   | 0=2   | RTTY QRM        |



SUNDAY DECEMBER 1st 1991 (Cont.)

|       |       |                   |       |       |            |
|-------|-------|-------------------|-------|-------|------------|
| 6910  | 09.00 | Radio Dublin      | 0=5   | 0=3   | See news!  |
| 7440  | 08.22 | Alt. SW           | ---   | 0=2   | Via RWI    |
| 7446  | 08.38 | Radio Stella      | 0=3   | 0=2   |            |
| 9420  | 10.16 | Radio Europe Int. | ---   | 0=2   | From Italy |
| 9980  | 09.18 | Radio Stella      | 0=4   | 0=2   |            |
| 11401 | 08.59 | Alt. SW           | 0=2-3 | 0=2-4 | Via RWI    |
| 11415 | 08.27 | Radio Stella      | 0=4   | 0=2-3 |            |
| 12255 | 10.38 | Radio Fax         | 0=4   | 0=2   |            |

SUNDAY DECEMBER 8th 1991 \*

|       |       |                    |       |       |                   |
|-------|-------|--------------------|-------|-------|-------------------|
| 3910  | 06.55 | Radio Fax          | 0=4   | 0=3-4 | Oldies            |
| 6205  | 08.30 | Radio Fax          | 0=4-5 | 0=4   | Classic gold '77  |
| 6212  | 09.41 | Radio Victor Bravo | ---   | 0=4   | Music test        |
| 6220  | 09.37 | Radio Reflex       | 0=4   | 0=4-5 | Qso-ing; 300W     |
| 6220  | 10.42 | Unid (Freesound?)  | ---   | 0=2   | Classic Rock      |
| 6224  | 11.32 | Unid               | 0=2   | 0=1-2 | Weak              |
| 6231  | 08.59 | Jolly Roger Radio  | 0=3   | ---   |                   |
| 6231  | 11.33 | Britain Radio Int. | 0=4   | 0=3-4 | Oldies; Xmas info |
| 6234  | 09.05 | Passion Radio      | 0=4   | 0=4-5 | See news          |
| 6238  | 11.19 | Radio Pacman       | ---   | 0=3   | Qso to Reflex     |
| 6240  | 09.10 | Radio Merlin       | 0=4-5 | 0=3-4 | See news          |
| 6254  | 10.28 | Radio Mutiny       | 0=4   | 0=3-4 | Caroline info     |
| 6276  | 09.29 | WNKR               | 0=4   | 0=3-4 |                   |
| 6280  | 10.53 | Radio Dublin       | 0=2-4 | ---   | Relay via Ozone   |
| 6289  | 08.59 | Star Club Radio    | ---   | 0=3-4 | Sign-on           |
| 6290  | 11.10 | Radio Orion        | 0=4-5 | 0=3   |                   |
| 6296  | 09.34 | Radio Stella       | 0=3-4 | 0=2   |                   |
| 6299  | 10.33 | Nordlicht Radio    | ---   | 0=3-4 | Music             |
| 6305  | 11.24 | Radio Zenith Int.  | 0=4-5 | 0=2   | Rockmx; utility   |
| 6536  | 09.47 | Radio Brigitte     | ---   | 0=3   | Mod not clear     |
| 6570  | 09.50 | Radio Lokaal (FM)  | ---   | 0=3   | Relayed           |
| 6910  | 09.55 | Radio Dublin       | 0=4-5 | 0=3-4 | Back on SW!       |
| 7446  | 09.15 | Radio Stella       | 0=4   | 0=2-3 | Utility           |
| 7460  | 08.27 | Radio Anorak       | 0=3   | 0=2   | E, popmx          |
| 9979  | 09.32 | Radio Stella       | ---   | 0=1   | Very weak         |
| 9985  | 09.27 | Passion Radio      | ---   | 0=1-4 | //6234            |
| 11415 | 09.39 | Radio Stella       | 0=4   | 0=1-2 | Weak              |

(ADVERT)

THE HISTORY OF OFFSHORE RADIOSTATIONS

It was 1978 when Hans Knot started with the help of Paul de Haan to produce a offshore radio history. The first 13 parts were ready in 1980. Now, in the year 1992, already 47 parts are available! The fantastic 15,000 hour radio archives of Hans Knot were used to compile this fascinating story. Also many interviews are part of the story.

This unique documentary can be ordered via Freewave. Every single part lasts for approx. 6 hours. Part 1 is now again available for f 35,-/ DM 35/ £ 11.00 . Part 2 & 3 also cost f 35,-/ DM 35/ £ 11 each. In case you order part 1, 2 & 3 together, you only pay f 100,-/DM 100/ £ 31.50 .

Payments in cash (by registered mail!) or via an Eurocheque (in Dutch guilders or via an Int. Postal Order. The address to write to is:

Hans Knot, Postbus 102, 9700 AC Groningen in The Netherlands.

CONDITIONS

Last time we talked about unstable conditions but ever since things have changed and most Sundays there were quite favourable propagation conditions. Some Sundays were even excellent, for instance Sun December 8th. There haven't been any real bad Sundays in the past two months or so, the average free radio DX'er must be satisfied.

GENERAL

A lot of activity has been noticed on the various bands. Have a look in the SW Logbook and you'll agree. On a number of Sundays there were more than 20 different stations active! Enough choice and there must be something for everyone. No doubt it's true what was said last time: the 6500- 6600 has become relatively popular with a number of 'fixed users' such as Atlantic, North Sea (both from the Nijmegen area), CRS, Equinoxe, Luce and also the station with the perfect modulation: Radio Brigitte. On the Irish front some interesting developments took place. The Utrecht address is ceasing its service and that implies various stations have to look for a new address. With the prospect of the upcoming X-Mas period each dedicated radio-enthusiast will rub his hands... It's to be hoped that conditions won't spoil the party. And: there could be a second spoilsport: too many stations being active in the 6200- 6300 kHz range which still is the most popular spot on the dial. There's a great chance of mutual interference. Let's hope it won't happen. I guess it also depends on the OP's of the stations: it would be foolish to occupy 6275 kHz knowing that WNKR is weekly active on this frequency (Süd-West Radio from Germany used 6275 a few weeks ago while WNKR was also on...). Last year Weekend Music Radio & Live Wire Radio were very active. But they won't be the only ones....

Keep an eye for several stations (including FRS) will try to cross the Atlantic. Not only on very early Sun mornings but also on X-Mas Eve, X-Mas Day and Boxing Day. Something which is always interesting is the live phone-in pxs. In particular the WMR phone-ins have always been very interesting, let's hope the station will also activate the 100W 19mb transmitter.

We start this newssection with golden oldie RADIO TITANIC INT. from Germany. RTI reached the USA during a nighttime trm October 19th on 6285 taking place between 22.00- 00.00 UTC. A sinpoo 22322 came from as far as New Foundland. Most amazing is that the tx power was only 10,000....milliwatts. Due to the upcoming closure of the Utrecht maildrop RTI is now using a brandnew address which is the Wuppertal one (1). RTI will be doing a brief trm around X-Mas time on 6285 & a 19 mb frequency.

RADIO ANORAK from the UK is regularly using 7460 khz. On the continent results are quite poor, in the UK fair/ good. Address is 507 Weymouth Road, Auckland in New Zealand.

Also in Finland there is SW free radio activity. Most of you will know the names of Radio Mayday, Radio Meteor and Right Wing Radio as they have been active for quite some time. October 20th a new Finnish station appeared on 6240: RADIO BONANZA. 19 letters from Sweden & Finland were received by the station for its debut broadcast. A home-built 15W tx is used and another new station is expected to commence broadcasts in this...



December month: **RADIO CITY**. The station will be using a 20W tx and has 6200, 6207, 6230 & 6240 X-tals at its disposal. Radio Bonanza can be reached via the well-known address Box 82, SF-40101 in Jyväskylä. Radio City address is unknown. **THE VOICE OF FREE RADIO** was active a few years ago with very low power. Nowadays the station is using 15W thus providing better reception for Scandinavian DX-ers. Thanks to our clubmember Risto Harjula for these interesting newsitems from Finland!

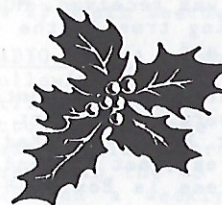
**RADIO HARMONY** has closed down! It all looked very promising for this British station broadcasting from the relatively safe Irish grounds. Harmony was first noted September 6th 1991 on 6305 kHz. The station had good signal-strength on the continent and also a very good modulation quality. Rumour has it an Opti-mod was being used... No doubt John England had something to do with Harmony as the well-known Venus Texas maildrop was used. Another name, mentioned in a few free radio publications, is that of Ray Anderson. It seems Harmony was hoping to conclude a contract with an US religious group called Pan Am. Broadcasting. Fact is that Radio Fax brought them in. Wed October 15th Harmony left the airwaves in the evening hours. Oct. 17th the 6305 tx was re-activated but as from the 18th onwards only non-stop mx was played without any station ID's. Tuesday October 29th Harmony returned announcing a brandnew address: P.O.Box 1651, Frinton-on-Sea, Essex in the UK. The latter is the address of Ray Anderson's firm East Anglia Productions. Even a T-shirt promo was aired although it's doubtful whether there were really Harmony T-shirts! As far as we know Harmony was last heard Sun November 3rd. Eversince almost nothing has been heard on 6305 except Radio Zenith one or two times. Harmony was putting out a MOR format but it now seems the project is definitely cancelled. The fact the Venus address was replaced by the Frinton-on-Sea one **COULD** point at internal disagreements within the Harmony 'organisation'.

**RADIO FAX** is continuing on no less than three frequencies. Since the second half of November the station carries religious programming and these pxs are broadcasted every Sun evening starting at around 18.30 UTC. This religious output is broadcasted under the name 'Reflections '91' although somebody mentioned the name 'Impact '91'. Friday November 22nd Fax announced transmitter adjustments implying that normal programming had to be suspended for a couple of days. However, on Sat Nov. 23rd a brandnew frequency was put into service: 3910 kHz. One of the Fax people said that this 3rd tx was activated because of the unfavourable skip pattern of the 6205 frequency during winternights. Indeed 3910 is a very good choice; on the continent a most of the time excellent signal can be received. It seems the 3910 tx is in operation from the late afternoon till the early morning. Fax pxs are broadcasted from Ireland and every Mon, Wednesday, Friday & Sunday new pxs are put on the air. The response to the pxs seems to be good: a wide variety of music and information (technical info, media) is put on the air. Pxs also contain letters. Address: The Forge, Cranleigh, Surrey, GU6 7BG in England.



A number of times we reported about **STATION SIERRA SIERRA**. Now we are able to give the address: 11 Belvoir Lodge, Whimsey Place, Carlton, Notts NG4 1DU in the UK. The station tested a number of times on 6595 but it's doubtful whether future trms will continue on that frequency.

**RADIO BRIGITTE** from Belgium seems to have moved to the 6.5 MHz area although the station also tested on 7562 (29-09), 7447 (6-10), 7485 (12-10), 6253 (16-11). So far 6536, 6540, 6543 & 6572 are the frequencies used in the 6500- 6600 kHz range. The mod remains a problem but hasn't this been the case for already years? Address is P.O.Box 10, 7954ZG Rouveen in Holland.



The **PIRATE FREAKS BROADCASTING SERVICE** has been silent for a long period. Silence was broken Sun November 24th when a 6257 test was carried out from a new QRG. PFBS Radio also announced a brandnew address as a result of the developments with regard to the Utrecht maildrop. From now on PFBS can be reached by writing to Box 386, 5900 AJ Venlo in Holland.

When PFBS returns to the airwaves is uncertain although it's likely the station is on during the X-Mas period. Apart from the 48 mb PFBS could be active on 15050 and/or 9985 Kc.

**PASSION RADIO** was heard Sun December 8th on 6234 with a massive signal. Listeners were invited to call the station. These calls were not put on the air. PFBS called some listeners back and this was indeed broadcasted. The strength of the signal makes one think a few hundred watts were being used. Even the presence of TWR Monaco on 6230 between 12.00- 12.20 CET caused no serious problems as far as reception of Passion is concerned. Passion signed off rather abruptly for security reasons. At the moment the station signed off almost 3 hours of live programming had been broadcasted on 6234. Just like PFBS Passion uses the Venlo maildrop!

**FREESOUND RADIO** from the UK can be heard every last Sun of the month. Freesound seems to have left the 6.5- 6.6 MHz area and has been logged a few times on 6219 and also one time on 6295. Due to the current propagation pattern pxs are now commencing at 12.00 UTC and last till 16.00. Between 16.00- 17.00 Radio London is relayed, also every last Sun of each month. Address of Radio London is: Box 293, Merlin, Ontario NOP 1W0 in Canada. Freesound's address is (4).

**RADIO CONFUSION** made a 31 mb test Sat Nov. 23rd on 9985. This frequency became popular because of Quality Radio and eversince a handful of stations did use 9985, for instance PFBS, Radio Mayday & FRS-Holland. Address is (3).

**RADIO PEACE IN ACTION** hasn't been heard via their own tx for a few months. Sun October 13th the station was relayed via the tx of the NISWRS in Northern-Ireland. Reception in...



the UK was excellent, on the continent the strength was poor/ fair. RPiA will return some time in the near future on a frequency within the 7360-7400 kHz range. Address is (1).

One of the November surprises was the return of good old RADIO DUBLIN on short wave. Wednesday Nov. 27th Dublin was to be heard on its former frequency of 6910 kHz. Power is an estimated 400W and the signal-quality on the continent is fair/ good. Perhaps a more suitable frequency could even give better results. In this respect there seem to be two alternative frequencies: 6400 & 6930. SW pxs are in parallel with an AM & FM outlets. Radio Dublin never gave up following the introduction of the new Broadcasting Law in Ireland two years ago. Next time we'll mention the address.

RADIO MONA LISA made a succesful test September 29th on 7285 & 7290. For instance in the UK a very good signal was received. Mona Lisa continues with unscheduled early Sun morning trms in the 41 mb. Address is Box 11 in 7954 ZG Rouveen in Holland.

RADIO ATLANTIC from The Netherlands returned after a few months break on 6556 kHz October 5th. No doubt that there's some sort of link/co-operation between Atlantic, Radio Great Pigeon and Radio North Sea. All are stations from the Nijmegen area (east Holland). Most of the time a fair signal is noted. Address is Box 40185, 6504 AD Nijmegen in The Netherlands.

BRITAIN RADIO INT. full 4 hour schedule reads as follows:

| second Sunday              | fourth Sunday             |
|----------------------------|---------------------------|
| 10.00 Jayne                | 10.00 Roger davis         |
| 10.45 Roger Davis          | 12.00 BRI Radio File      |
| 12.00 Top Tracks           | 13.00 Chart Climbers Show |
| 12.45 Guest deejay         |                           |
| 13.15 Solid Gold Rock Show |                           |

A few early morning tests to North-America were succesful. BRI was received on the other side of the Atlantic but also in Russia. October 13th reception of BRI on the continent was almost impossible because Star Club Radio was on air on almost the same frequency causing a terrible heterodyne for most of the morning. A special X-Mas info-sheet is available for listeners. During the past few years BRI always broadcasted special X-Mas pxs on Boxing Day. The same could be the case this year. Since October 13th TWR Monaco is using 6230 kHz between 12.00- 12.20 CET and that means that during that period BRI's signal suffers very heavy interference. Expect a PV guest show on BRI early 1992. Address: (3). Don't use the Utrecht address anymore !!!

RADIO RABBIT made its first test Sun Oct. 20th via the SCR tx on 6282 kHz. Address is unknown. Could be the Wuppertal maildrop.

RADIO COSTELLO is a new Dutch station testing on 6214 Sun September 29th. Signal-strength was good, mod was too low. Could this be the unid testing on 6214 Sun afternoon December 15th ?? No address is known at present time.



The UK magazine Free DX reports that JOLLY ROGER RADIO has produced a significant improvement on their signal recently following the installing of a new 150W tx. Indeed our loggers in the UK fully endorse this in an indirect way with their better sinpo's. JRR is active every early Sun morning on 6232 kHz. Address is Box 39, Waterford in Ireland.

WEEKEND MUSIC RADIO has been rather active in recent months. Sun October 6th an engineering test was heard on 11415 & 6296 kHz. As far as we know this test was done with Radio Stella txs. Wed October 9th new tests were made on 6296 and three days later 11415 & 6296 were once again tested in parallel. It was WMR OP Jack Russell who joined Stella main man Jock Wilson to Ireland to install no less than 4 txs.... Third person was LWR OP Bill Lewis. WMR was heard several times on a variety of frequencies, mainly within the 48 MB. Hopefully the station will be on Dec. 25th & 26th with live phone-ins on two or even three frequencies. Address is 23 South Beechwood, Edinburgh EH12 5YR in Scotland.

RADIO STELLA is now active on no less than 4 different frequencies following a visit to the Radio Fax site in Ireland by Jack, Jock & Bill mid October. New transmitting equipment was set up and Fri October 18th the txs were switched on one by one. Sun Oct. 19th Radio Stella introduced pxs on 4 fixed frequencies. The 6292 frequency in the 48 mb changed into 6296, keeping in mind Orion uses 6290 on a weekly basis. A positive development. In the 41 mb Stella uses 7446, 11415 kHz in the 31 mb and finally 9979 kHz in the 31 mb. In Great Britain all frequencies provide fair/ good reception with the emphasis on the latter, on the continent most signals vary between poor/ fair, perhaps more fair than poor. RSI broadcasts from the late Sat evening into the early Sun morning with a mixture of popmx & DX-news (mainly loggings). Address is same as WMR one.

RADIO GERONIMO was heard October 6th with pxs of Phil Scott and Chris King. A test was made Fri October 25th during the early evening hours. Both broadcasts were carried out on 6255 and Radio Geronimo was the first station 'rediscovering' 6255 as a very suitable 48 mb frequency. In the mean time several stations have used 6255 or frequencies very close to 6255. Geronimo is not regular with appears to be a quality station. Address is (1).

ROCKET 48 plans a X-Mas broadcast with a 100W tx. Address is Box 293, Merlin, Ontario NOP 1W0 in Canada.

ASW stands for ALTERNATIVE SHORT WAVE and it concerns a new (French?) tape-station making use of RWI's facilities. First pxs went out October 6th and were in French, English & German. The station now has its own qsl. Write to (4).

Talking about new tape-stations, another one is RADIO ACTIVE. Red/yellow qsl's are waiting for you together with a studio photo and a A4 poster. Send 2 irc's if you want to receive these goodies but don't forget to send a correct reception report as well. Address is same as ERP (the NISWRS one).



## RADIO WAVES INTERNATIONAL

QSL N°

DATE: \_\_\_\_\_  
TIME: \_\_\_\_\_ TO \_\_\_\_\_  
ON \_\_\_\_\_ KHZ Mb

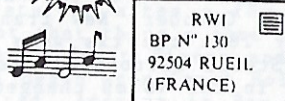
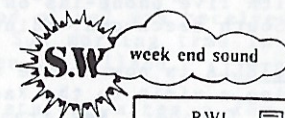
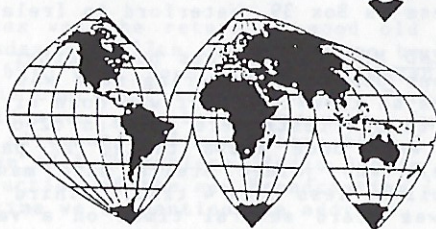
S.I.N.P.O.

6.200 6.400  
48 M

7.300 7.500  
41 M

ALL  
OVER  
THE WORLD  
ON  
SUNDAYS

73's, Good DX.FFFR



**RADIO WAVES INT.** celebrated its 8th birthday with special pxs during the weekend of Sat Nov. 2nd & Sun Nov. 3rd. The station operated under the call-sign WCS which stands for World Communication Service, a kind of special edition of RWI. RWI remains very active with almost weekly pxs on Sundays on 11401/7450 or 7440. It seems Waves sometimes chooses 7440 while on other occasions 7450 is more popular. RWI was received in Montevideo, Uruguay September 15th on 11400 with an "all the threes" sinpo, certainly not bad !! RWI is also relaying a handful of stations. Mod level on 7450 seems to be better at present time. Signal-strength varies between fair/ good in the UK as well as on the continent. Address is (4).

From **RADIO MARABU** we received the latest info with regard to their programme-schedule. And it must be said: Marabu is getting more and more active ! There we go...

- \* Every 1st Saturday: 21.30- 23.30 UTC on 6296/7446/11415 (Stella)
- \* Every 1st Sunday : 09.00- 10.00 UTC on 7297 kHz (Europe)
- \* Every 2nd Sunday : 09.00- 10.00 UTC on 7297 kHz (Europe)
- 09.00- 13.00 UTC on 7484 kHz
- \* Every 3rd Saturday: 21.30- 23.30 UTC on 6296/7446/11415 (Stella)
- \* Every 3rd Sunday : 09.00- 10.00 UTC on 7297 kHz (Europe)
- \* Every 4th Sunday : 09.00- 10.00 UTC on 7297 kHz (Europe)
- 12.00- 14.00 UTC on 6262 kHz (NISWRS)

Apart from the SW trms many FM stations broadcast Marabu pxs. More info upon request. Marabu plays a lot of music from independent record labels and offers a truly alternative music format on SW ! Sun December 15th Marabu was on 6285 & 7484 kHz. Especially on 6285 a very good signal was audible. Strength on 7484 was fair/ good but the mod level was too low. Address is (1).

s.w. news



**EUROPEAN PIRATE RADIO** is a new German station which started August 18th 1991. More broadcasts followed on Sept. 22nd, October 6th, 20th & 27th. In the night of Saturday Oct. 6th into Sun Oct. 7th a very successful nighttime trm was made and letters from all over Europe were received including Spain, Sweden and the USSR ! ERP was also heard Nov. 24th and on the 30th, the latter being a nighttime one. So far all trms were broadcasted via the txs of the NISWRS but ERP hopes to find a second outlet on the continent. The station says its trms consist of quality music, recordings of off-shore and FR stations and so now and then a mailbag show. Address is 14 Stone Row, Coleraine, Co. Londonderry BT52 1EP in N-Ireland.

**RADIO ORANG UTAN** has become a more or less regular station with at least one transmission every month (not on a fixed Sunday). Frequency remains 6200 kHz and with a power of approx. 200W Orang Utan has an excellent signal in the whole of Western Europe. During the past few trms a telephone number was mentioned over the airwaves. Last three trms were heard on Sun October 13th, November 3rd and December 1st. Address is P.O.Box 114, 7040 AC 's Heerenberg in Holland.

The **CLANDESTINE BROADCASTING SOCIETY** can be heard most Sundays on 6527 kHz with fair results in Great Britain and on the continent. This German station has installed a 20W tx in France and the tx is operated by the OP of Radio Equinoxe. The latter station makes use of CRS's tx and the same applies to another French station: Radio Luce. Addresses: Luce & Equinoxe can be contacted via (4) while the CRS uses (1).

**RADIO MI AMIGO**, an English station which maintains strong connections with WFRL & WNKR, introduced a new 3rd Sun schedule 12.00-15.00 UTC on Sun October 20th. Frequency was 6400 kHz. The signal-strength was ok but not the mod which was much too low. The new schedule didn't last for long 'cause Mi Amigo planned the last regular scheduled trm Sun December 15th on 6400 kHz. The station will continue as a nighttime station in future. We cannot confirm whether Mi Amigo's last 3rd Sun trm really was on the 15th... Address is (1).

**RADIO MUTINY** has been fairly active on 6255, a much used frequency nowadays. Interesting to mention is a 31 mb test carried out Sun October 20th on 9352 kHz. Address is (1).

A (new??) Dutch station noted in the 6.5 MHz area is **RADIO RODEO**. For more info write to: Box 72, 6640 AB Beuningen in Holland.





frs goes dx

**WONDERFUL FREE RADIO LONDON** was heard with regular scheduled trms Sun October 6th, Nov. 1st & December 1st. During the latter trm an important and special message was broadcast: WFRL announced to close down for good Easter 1992. Several factors played a role in the decision to cease trms. One of them is that station OP Andy Walker feels the station has served its purpose. In fact the 1st of December trm was the last regular one! Address is (1).



**WEST & NORTH KENT RADIO**, WFRL's sister-station ceased its medium wave trms aimed at the south-east region of the UK. These trms were taking place Sun afternoons on 1494 kHz but response from listeners wasn't very stimulating. On SW things are going well as WNKR can be heard each and every week with a good signal on the continent on 6275. Proposed tests on 3 MHz haven't been noted yet. Address is (1).

**RADIO MIRAGE** is one of those mysterious stations. The station used to have a Norwegian address but nowadays the Wuppertal address is in use (1). Mirage is not a regular Sun morning broadcaster but appears every 3 to 6 months on 41/48 metres. Sat October 12th Mirage popped up on 6255 and on Sun October 13th a 40 min. loop tape was heard on 7385 & 6284 kHz, not in parallel. Music consisted of 60's & 70's oldies. The station received more than 30 letters for these broadcasts, not bad at all! There were even reports from as far as Finland and Lithuania. By the way: both signals on the Sunday were strong.

**RADIO HELGOLAND** was logged Sun November 10th on 6555 with a good signal. Helgoland is a kind of co-production between Radio Nordlicht and Radio SWS Norderney. Power during the broadcast was 60W. Although the station must know about the closure of the Utrecht maildrop, it was still announced as correspondence address for Helgoland. Radio Nordlicht now uses (1).



On of the stations attracting a lot attention in the past weeks is **RADIO REFLEX** from Holland. The station-name is new but it is in fact nothing more than a succession of Radio Telstar which used to broadcast with a lot of power from a Ruurlo location. Reflex started its life Sat Nov. 16th with a test on 6220 and ever since the station has been using the latter frequency on a weekly basis with a music show between 10.00-11.00 UTC and before and after each px a number of qso's. Reflex uses an ex-army tx with a power of at least 300W. Some trms power was even upped to 500W!! Mod quality is very good but at the same time there's a lot of splatter on the lower & upper sidebands!

So far more than a hundred letters have been received from as many as 13 countries. Addr: Box 59/7260 AB Ruurlo.

s.w. news

frs goes dx

frs goes dx

**LIVE WIRE RADIO** was not too active in the past few months. Perhaps the calm before the storm?? Fact is that LWR was very active last year during the X-Mas period with several US tests and daytime trms for Western Europe. October 27th LWR carried out a test on 7415 with a very strong signal. November 11th a pre-recorded show was aired on 6240 in which Bill Lewis and Jack Russell talked about their October trip to Ireland (see also Radio Stella news). Address is 30 Pinewood, Bally Brack, Dublin in Ireland.

**RADIO EUROPE** is a new Italian station on 31 metres on 9420 khz. A weak signal is to be heard in the UK, Germany and Holland. Do not confuse this station with Radio Europe on 7297, also an Italian station!!

**RADIO GEMINI** celebrated its 19th Birthday Sunday October 27th on 6225 kHz. This trms was repeated a week later on the same frequency. Signal-strength was good in the UK and fair on the continent. It's really amazing knowing that Gemini, one of the first European hobby pirates is still active in the year 1991. Although there are no monthly trms, Gemini broadcasts between 4 and 6 times a year. Address is Box 293, Merlin, Ontario NOP1W0in Canada.

**RADIO EAST COAST COMMERCIAL** returned in free radio land almost exactly one year after the station was nearly raided. That was Sun October 28th 1990. Sun October 27th ECC made an unexpected come-back on 6290 and when Orion started trms ECC altered frequency to 6240. On both frequencies fair/ good signals were to be received. Norman Nelson said he never intended to close down for good although it's not for sure how regular ECC will be in future. Address remains good old (1).

**RADIO MERLIN** was raided October 17th while broadcasting on 6240. The station was more or less raided by coincidence: a local CB-er was relaying RMI on 27 MHz... Already 6 weeks later, Sun December 1st Merlin returned on 6240 with a much improved audio-quality and a powerful 120W signal! It's not known whether future broadcasts of Merlin will be on a daily basis. Address is same as Radio Gemini.

**RADIO UNIVERSE** tested new equipment on Sat October 5th with a power of only 5W! Frequencies were 6284 & 6220 kHz. Don't confuse Universe with Universum! The latter is a German station which hasn't been heard for a long time. Address Universe is unknown!

**RADIO CALDONIA**, the Dutch station ceasing SW trms for good more than a year ago was heard on Sat Nov. 23rd on 6218 with a test. This could mean Caldonia intends to make a come-back on SW. Time will tell... Address is Box 763, 3100 AT Schiedam in Holland.



s.w. news

frs goes dx



TWO SHIPS, NO PROGRAMMES.

February 1970 articles were published in magazines about a strikingly painted ship, anchored off the Dutch coast. On board were several transmitters, but nothing on the air yet. Two ships were involved in the project. One was a coaster called SILVRETTA, bought from De Groot and Van Vliet ship-yard. The other one, a smaller ship, had been a passengers-ship in the Norwegian fjords and was sailing under Panamanian flag. The only thing that reminded of a radioship was the giant aerial-mast on the largest of both ships. The real things happened behind the scenes.

A lot of discussions were taking place between Meister and Bollier and their real "bosses". These were: a Japanese enterprise, intending to dump a lot of electronic equipment on the German market soon and willing to spend a lot of money for promotional activities, some minor advertisers, who have gained one year free airtime in exchange for their investments, and Orbis, a Swiss bank with a lot of so-called "refuge-capital", not suitable for normal investments.

After several talks with the above mentioned parties an initial capital of 4,000,000 Swiss Francs was created. With this amount of money they purchased both ships, a RCA medium-wave transmitter, one FM and two short-wave transmitters and four generators.

RONAN O'RAHILLY.

December 1969 both Swiss and Radio Caroline boss Ronan O'Rahilly met several times in the Amsterdam Hilton to discuss a joint-venture, which also had to include the Verweij brothers (Radio Veronica). Ronan primarily was interested in legal technical mutual support. The Verweij brothers weren't interested at all. Finally also O'Rahilly opted out. He discovered, a little bit late, that his both ships had been tugged into Amsterdam harbour by Wijsmuller Offshore illegally in March 1968. This had been a real act of piracy!

On the island of Jersey, where the president of Wijsmuller lived, a meeting with Ronan O'Rahilly took place. An agreement was very likely, because the international law of the high seas was in favour of the Irishman. Both ships were in a terrible state. Costly repairs, to be paid by Wijsmuller, had to be carried out. January 1970 Ronan made a new attempt with Radio Caroline.

ALONE AGAIN.

Also RNI had to try it on it's own. Real transmissions hadn't taken place yet. Transmitters and aerial don't function properly. RCA experts came on board to solve the problems. With good transmitters Meister hoped to cover 90% of the European continent. However the Swiss and Japanese financiers were losing their patience. Every week on the grey Northsea costed some 20,000 Dutch Guilders...

In various European countries Meister and Bollier appointed agents to explore the market and to canvass for advertisers.

Depending upon the response programmes in German, French and English would be aired. Until mid-February only one Dutch soft-drink company appeared to be interested. From other parts of Western Europe response was very disappointing.

TRANSMITTER-PROBLEMS.

But at first problems with the transmitter caused most worries. Meister and Bollier had chosen a medium-wave frequency of 186 metres, very close to the strong Bayerische Rundfunk transmitter. But during the very first test-transmission it appeared 186 m interfered with Scheveningen Radio. Even Meister and Bollier didn't want to take that risk.

However Meister and Bollier were convinced their station would become bigger than Veronica very shortly. And music or not, the tender Mebo 1 was sailing between Scheveningen and RNI regularly. But becoming a radio pirate seemed to be more difficult than expected.



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\*\*\*KRE-audioelectronic, P.O.Box 22 03 42, W-5600 Wuppertal 22\*\*\*\*  
\*\*\*GERMANY, Phone: 02332 - 83 911 - Fax: 02332 - 83 912\*\*\*\*  
\*\*\*\*\*



# POWER FM POWER FM

"A lot has happened since we commenced test-transmissions February 15th" says publicity-manager Mark Out. Subject: **POWER FM**, the 'Dutch' cableradiostation. "In a few months we have grown to over 1½ million cableconnections and this figure is still growing. In December we expect to have 3 million connections." Power FM's future looks promising....

Power FM is one of the three radiostations owned by the Italian Rete Zero organisation. The programmes are made in the Amsterdam studios of radio 10 by order of Rete Zero. That's the official legal construction making it possible that the Radio 10 radiostations are, according to Dutch law, foreign stations. Apart from Power FM there is Radio 10 Gold concentrating on 60's, 70's & 80'soldies while Concert Radio's output fully consists of non-stop classical music, 24 hours a day, 7 days a week.

Power FM's target group primarily consists of young people between 12-24 years with a possible extension to 30.

When the station started (unofficially, February) only non-stop hitmusic was broadcasted. The fast growth of cableconnections caused an introduction of presented shows during the weekend. And since the end of October the Mon- Fri pxs are also presented! Programme-director is Wim Rigter who used to work on VARA Radio 3. The VARA is one of Holland's broadcasting corporations, just like the AVRO, TROS or Veronica. Power FM serves its listeners with current hits and those of tomorrow. One third of the music consists of dance music, one third of hits and one third of hip hop. Dance music plays an important role on the station's playlist but that doesn't mean that things remain like they are now. Wim Rigter: "We keep a close eye on new developments, you have to be supple and jump on new trends. Look at the Manchester sound and electronic disco, two good examples of new trends in the music industry. And indeed we jumped on those trends just like the Dutch youth is doing." In order to keep up-to-date with the world of popular music, Rigter and his deejay crew keep a close eye on everything what happens in the world: MTV's playlist, Radio 3 (big rival in Holland) but also which music is played in for instance Belgian discotheques. Several hits are played but that doesn't mean that each and every Top 40 record is automatically put on the playlist. "We don't look from where a record is coming, we look whether the record's sound fits into our format" according to Wim Rigter.

Power FM competes as far as the music-format is concerned, directly with Sky's Hit Radio. Wim Rigter: "The basic difference between both stations is that we have presented pxs while Hit Radio's output is non-stop and that adds that little extra to the pxs. The same is the case with Radio 10 Gold and Sky Radio: the latter only broadcasts non-stop softpop while 10 Gold pxs are presented." (there's one more major difference: Power FM & Radio 10 Gold have newsbroadcasts, Sky Radio & Hit Radio haven't-PV). As far as the speech is concerned: there's less talk in compare with Radio 3. "Our announcements are briefly and to the point. In practise it means 15 to 20 seconds announcements, there's no sense of loger talk. Presented programmes make sense provided the speech is kept within limits." Power FM pxs also include popnews. To watch the format and the compilation of pxs, a Selector-system is being used, an American computer system for radio-stations.

One major and important quality of this system is that it's possible to give a record a number of criterions.

Frs Feature

# «FRS GOES DX» THE MAGAZINE FOR FREE RADIO ENTHUSIASTS

It's also possible to determine how many times a specific record has to be played. Selector 'spits' the programming out, hour after hour. Several criterions can be used describing a record. All those criterions are inserted into the computer. Examples of criterions are genre (dance, pop, rock etc.), male or female artist or group, beats-per-minute, vocal or instrumental.

One thing which is also important is how many times a record has to be played during a week. Therefore all records are split up in the categories A to H. A to D are for example the hit categories. An A stands for a giant hit which has to be played very often while a D-hit is played much less. E stands for recurrent (a big hit from not so long ago). F stands for records less than 5 years old. Programme-director Wim Rigter presents every sat afternoon the Power FM Free 44, the station's hitlist. It is a reflection of what has been played during a week, a kind of summary. For Wim there's one important difference with the time he used to work on VARA Radio 3: then he was only once or twice each week on the radio, nowadays he's each day on the radio because, quoting W.R., "a real radiostation is night and day on air."

## POWER FM PROGRAMMING

### Saturday

- 08.00 Francis Dix
- 12.00 Peter Holland
- 16.00 The Power FM Free 44 with Eddie Diergaarde
- 19.00 Alarmfase 10 with Edwin Evers & Luc van Rooij
- 22.00 Non-stop Power

### Sunday

- 08.00 Francis Dix
- 12.00 Peter Holland
- 16.00 Eddie Diergaarde
- 19.00 Rob Spijker
- 22.00 Non-stop Power

### Weekdays

- 07.00 Luc van Rooij
- 10.00 Wim Rigter
- 13.00 Rob Spijker
- 16.00 Edwin Evers
- 19.00 Hanno Dik
- 22.00 Non-stop Power

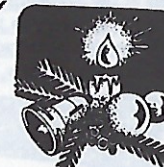
Interested in Hi-Fi Stereo super quality recordings from Power FM ??  
Write to FRS Sales Productions.....  
DM 7.50/ £ 2.35/ f 7.50 per hour including P & P !

## HAAL DE HEETSTE HITS IN HUIS



POWER FM

## THE MUSIC FIRST



f.r.s. feature



# DX-ING DUTCH PIRATES ON MEDIUM WAVE

By Stefan Printz & Derek Taylor

## Introduction

The Dutch pirates who operate on the 186 metre band are quite a well-known "phenomenon". However, knowledge of these stations is almost non-existent amongst most DX-ers and there is hardly any publicity of them at all in the DX- & Free Radio magazines. To remedy this fact, we will now take a close look at the MW pirate scene and provide you with the most essential details which are important to be aware of when DX-ing the MW-pirates from Holland. Of course there are pirates broadcasting from other countries such as the United Kingdom, Greece and even the USSR, but for the purpose of this article we will concentrate on stations from Holland only.

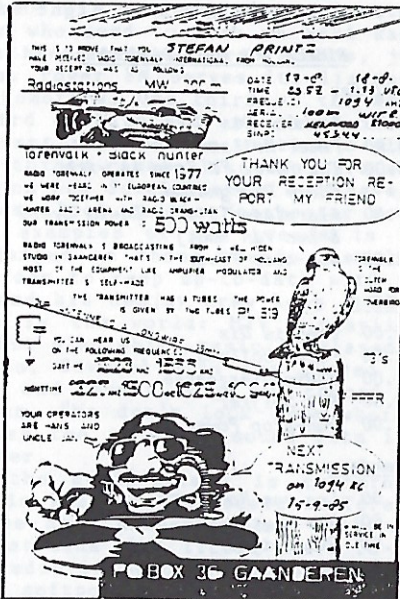
## A brief history

The first Dutch pirate transmitter was built around 1915 (!) and the operator is known all over Holland (although he must be dead by now!). The transmitter is on show at a museum in Den Haag. As far as we know, there were only a few pirates before World War 2. At the end of the war, however, many of the American and French army transmitters were put into circulation all over Holland, paving the way for many people to start up their own stations. At this time, the pirates provided the audience with Dutch folk music and this format has mainly been used ever since, as the legal stations never have provided with this kind of service. Jumping three decades to the 70's, a new kind of pirates popped up on the 227 metre band (1300-1330 kHz), usually called "international broadcasters" as they had broadcasts in English dedicated not only to a local audience, but also to DX-ers all over Europe.

For several years, the activity on 227 was very intense and many of the stations became very popular. Among those, to mention a few, were Radio Coralfisher, Radio Hawaii, Radio Tom Cat and Radio Nolan. The latter one is still active and he recently told us that he could get around 100 letters for only a 1 hour broadcast - a figure that most pirates of today just can dream of! In the beginning of the 80's, ordinary BC-stations began occupying some of the 227 metre frequencies, leaving no space for the MW pirates to broadcast on and consequently they left the airwaves, one by one. A few years later, however, new frequencies

were found in the MW band and the international pirates revived, mainly with broadcasts on 1508 kHz.

Radio Orang Utan was the very first station that used 1508 kHz. This was in March 1985 and 1508 kHz turned out to be a very good and clear frequency. Just a few months later, several other international pirates also could be heard here. One of the most active stations besides Radio Orang Utan was Radio Torenvalk who also used 1094 kHz for their regular transmissions. For some reason these frequencies were abandoned after only 2 years and those stations who were left now went back to the 186 metre band and some even became SW-stations.



## General

By medium wave, we usually refer to stations operating on the 186 metre band, that is the range 1605 to 1640 kHz. The frequencies between 1607 and 1620 kHz are most commonly used, though. There are also a few pirates that operate lower down the MW band, e.g. 1200, 1400, 1420 and 1500 kHz, but these are almost exclusively low

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power daytime locals and they can hardly be heard from outside a local area. There are an enormous number of pirates in Holland, but most of them broadcast locally on the FM-band. However, over the past years MW activity has increased considerably due to the overcrowded state of the FM band in many areas in Holland and many operators are now turning to MW for their programmes.

Basically there are three types of Dutch pirate operators. First we have the already mentioned international stations who usually have a programme format similar to the SW pirates (pop/rock music, jingles and announcements). In the second category we have the so-called "zender amateurs", who provide a service of Dutch folk music. They also often make QSO-contacts, in which two or more stations give signal strength & modulation quality reports to each other. A QSO starts with two stations initially and often more stations come along with it, which sometimes can develop to involve anything up to seven or even more stations. Lastly we have the low power stations whose main interest is to play music to a local audience only. There are also mixtures of these categories, e.g. it's rather common that some of the pirates make international broadcasts as well as making Dutch folk music programmes and QSO-ing.

The Dutch pirates can be heard daily all year round. The best time to listen out for them is from around 17 to 22 UTC and sometimes even later. At this time the MW band is a hive of activity with many of the low power stations. On weekends activity increases dramatically and stations can virtually be heard continuously 24 hours a day, provided that there's a path of darkness between your QTH and the transmitter site. The few international broadcasters can mostly be heard on Saturday nights at 22:02 UTC, although other days and times are used too.

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## Listening and reporting

When DX-ing the Dutch pirates, listen for tune up whistles and strong open carriers all over the band. Many surprise stations can be heard this way and can often lead to some lengthy QSO's. Now and again you will hear announcements between the Dutch folk music records so listen for the station identification. Also a phone number might be given out and even an address. But it's not much use telephoning a Dutch pirate unless you can give a verbal Dutch report and be understood. You might have just heard an identification and location given in perfect English, but this is probably the only English he or she knows, having repeated this parrot fashion for many years! One or two pirates do speak fluent English, but the majority do not. When a station has been on the air for a while with a music programme and announces a close-down, this is the time to listen very carefully. Check all frequencies as more often than not one, two or possibly three stations will be waiting to give him a report.

Most stations you will hear have a splendid modulation quality, but a number of the pirates sometimes have a terribly distorted modulation which often makes it impossible to decipher the speech. One way to help matters is to use an amplified audio and a bandwidth filter connected between your receiver and loudspeaker or headphones. The improvement is often dramatic! Another problem with listening to the Dutch MW pirates is the frequency drift. Quite a number of them use very old transmitters which continue to drift even when they've been on the air for some time. However, more and more of them are now using crystal control and frequency drift is eliminated.

There are quite a few difficulties when it comes to reporting the Dutch MW pirates. First of all, there are many stations who rarely announce any address or phone number and some of them may not be interested at all in reception reports. Most of these stations belong to the third category (local low power operators) and if you do hear one of them, usually the only way to contact them is to rely on the goodwill of a pirate in the neighbourhood and ask him to forward your report to the station in question.

The best way by far to send a report to a Dutch pirate is through a personal letter. Report forms might do for most international stations but you should always add some personal details. Try to use Dutch if possible, although not necessary, it will be appreciated since many of the operators don't speak English at all. You can include a SINPO rating, but it will not be understood by a lot of pirates. Therefore, you should also de-

FRS SPECIAL FEATURE

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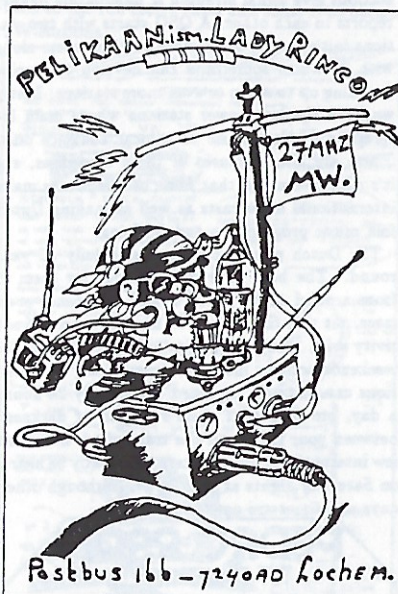
scribe the reception in words. Primarily they are interested in signal strength and modulation quality, which simply can be described as any of poor, fair, good, very good etc. Then you can go on describing any type of interference and anything else that might be of interest to the station. Since most stations play Dutch folk music and QSO in Dutch, it might be difficult for you to get appropriate programme details. To spare this trouble, you can enclose a tape recording of the reception which is always highly appreciated by the pirates. But if you do send a tape, also record some other Dutch pirates you have heard from the station's area as this is likely to interest him (or her) as much as his own signal.

Always start off your report with your name, age and other personal details and try to show some interest in the country, its culture, its music etc. Also describe your receiver and aerial as fully as possible. Always include double return postage with your report, either with Dutch mint stamps or 2 IRC/1 USD. You can also enclose a few post cards from your area or tourist brochures, or even a photo of yourself in front of your radio set. You will often be rewarded by getting similar in return. Don't demand a verification (QSL) but add a polite request towards the end of your letter. Reception reports are always welcome and a reply is usually forthcoming. After receiving a QSL, you should always send the station a note of thanks for the reply. This may sound unnecessary, but it is self evident politeness and much appreciated by the pirates. It also ensures that the next DX-er's report gets a reply as well.



### Some good advice on radio equipment and aerials

Any radio receiver that covers the required range can be used to DX the Dutch MW pirates. For the best results, however, a communications type receiver which has good selectivity and sensitivity and a digital frequency read-out should be used. The best antenna to use for Dutch pirate DX-ing is a longwire antenna, up to a couple of hundred metres long, directed towards Holland. People with space restrictions should use an indoor medium wave loop and a DMA-amplifier (Differential Matching Amplifier) which can prove to be just as good as a longwire antenna. You can write to Derek for further details on MW-loops and the DMA.



### Station list

At the end of this article, we'll provide you a comprehensive list over the most common Dutch pirates and their frequencies. "186m" means that the station has had broadcasts on two or more frequencies on the 186 metre band. The list is based on what we have heard during the past 3-4 months. A bullet (•) in the third column means that the station has international broadcasts and a star (\*) means that the station sometimes announces in English. The fourth column indicates the station's activity (⊕ - very frequent, ⊕ - frequent, ⊖ - occasionally, ⊖ - infrequent):

|      |                            |     |  |
|------|----------------------------|-----|--|
| 1608 | Radio Toulouse             | ⊕   |  |
| 1609 | Radio Perlee               | • ⊖ |  |
| 1611 | Radio de Barones           | • ⊕ |  |
| 1611 | Radio Curacau              | ⊖   |  |
| 1611 | Radio Nolan                | • ⊖ |  |
| 1611 | Radio President            | • ⊖ |  |
| 1611 | Radio Santana              | • ⊖ |  |
| 1611 | Radio Seagirl              | • ⊖ |  |
| 1612 | Stormvogel                 | ⊕   |  |
| 1614 | Kippenboer                 | ⊖   |  |
| 1614 | Radio Noordzee             | * ⊕ |  |
| 1615 | Blauwe Vogel               | ⊖   |  |
| 1615 | Blauw Bulldog              | ⊖   |  |
| 1615 | Radio 807                  | * ⊖ |  |
| 1615 | Radio Flandria             | • ⊖ |  |
| 1615 | Radio Holland Int          | • ⊖ |  |
| 1615 | Radio Mexico               | * ⊖ |  |
| 1615 | Radio Olieman              | ⊖   |  |
| 1615 | Soto                       | ⊖   |  |
| 1616 | Radio Alpenkruiser         | ⊖   |  |
| 1616 | Blonde Ale & Grietje Appie | ⊖   |  |
| 1616 | Radio Delmare              | • ⊖ |  |
| 1616 | Radio Nooitgedacht         | * ⊕ |  |
| 1617 | Boskabouter                | ⊖   |  |
| 1617 | Toekomst                   | ⊕   |  |
| 1618 | Radio Draaggolf            | ⊖   |  |
| 1618 | Radio Karel Doorman (KD)   | ⊖   |  |
| 1618 | Radio Mariska              | ⊖   |  |
| 1618 | Radio Minerva              | ⊖   |  |
| 1618 | Rode Rover                 | • ⊖ |  |
| 1618 | Radio Sapporro             | * ⊖ |  |
| 1618 | Tijdbreker R               | ⊖   |  |
| 1619 | Aristona                   | ⊖   |  |
| 1619 | R 538                      | * ⊖ |  |
| 1620 | Baanbreker Radio           | * ⊖ |  |
| 1620 | Frisco Radio               | ⊖   |  |
| 1620 | Stierenboog                | ⊖   |  |
| 1620 | Radio Telstar              | * ⊖ |  |
| 1620 | Turbojager                 | ⊖   |  |
| 1622 | Radio Bizon                | * ⊖ |  |
| 1622 | DB                         | ⊖   |  |
| 1623 | Weduwe                     | ⊖   |  |
| 1625 | Koraalvisser               | ⊖   |  |
| 186m | Radio Armada               | * ⊕ |  |
| 186m | Casablanca Radio Int       | • ⊖ |  |
| 186m | Radio Kristal              | • ⊖ |  |
| 186m | Radio Nova 4               | * ⊕ |  |
| 186m | Radio Pelikaan             | * ⊕ |  |
| 186m | Radio Pirana               | • ⊕ |  |
| 186m | Radio Scotland Int         | • ⊖ |  |
| 186m | Radio Spanningzoekeer      | * ⊕ |  |
| 186  | Radio Troubadour           | ⊖   |  |

As far as we know, only four of the stations have regular weekly programmes: R Olieman every Wednesday morning at 5 UTC on 1615 kHz, Radio Pirana every Wednesday night at 23-01 UTC (last noted on 1615 kHz) with an international programme, Radio Noordzee every Friday at 4.30-6.00 UTC on 1614 kHz and Radio 807 every Sunday evening at 18.30-20.30 UTC on 1615 kHz with a request- & dedication programme.



### Concluding words

If you start DX-ing Dutch pirates, you'll probably come across a lot of problems, such as identifying stations, unknown addresses etc. And you will hardly get any help from the DX-magazines since there are very few DX-ers who seriously listen to the 186 metre band stations. So if you want help or any other information on the Dutch MW pirates, don't hesitate to contact any of us at the addresses below:

Stefan Printz  
Kännärsvägen 13D:220  
222 46 Lund  
SWEDEN

Derek Taylor  
12 Dorman Road  
Preston  
Lancs PR2 6AS  
ENGLAND



We also publish a bimonthly address list (Current Pirate List) containing many of the addresses to Dutch MW pirates. Send 2 USD to Stefan and we shall send you the list promptly.



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This 30 minute VHS Hi-Fi Stereo video traces the events of the week in November 1991 when the Ross Revenge was torn from its moorings and drifted onto the Goodwin Sands. The story is told along with NewsReports from radio and TV. Add to this exclusive shots of the boat in harbour in Dover including on-board shots of the studios and transmitter room after the grounding and on-deck and close-up shots.

The video is rounded off with interviews with former Caroline men Johnny Lewis and Dave Richards at the dockside in Dover and a selection of interviews with Caroline fans at the dockside.

#### RB 18 "THE ROSS REVENGE IN HARBOUR" - PHOTO-SET No. 1 £6.50

A set of 8 exclusive colour photos showing the Ross Revenge in harbour in Dover. Includes on-board shots plus Neil Gates on the deck and Peter Moore at the dockside.

#### RB 19 "THE ROSS REVENGE IN HARBOUR" - PHOTO-SET No. 2 £6.50

8 more exclusive colour photos of the Ross Revenge in Dover harbour. Including on-board shots.

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#### BRAND NEW - RB 20 CAROLINE CONTINUES - TAPE 1 90 MINS. £4.95

On Sunday 1st December 1991 the Radio Caroline team of Neil Gates, Jerry Wright and Chris Frisco took over the French FM station Radio 6 based in Calais and the station became Radio Caroline for the afternoon. There was also a live link-up with Steve Conway on-board the Ross Revenge. This cassette features 90 minutes of high quality FM stereo recordings from that afternoon.

#### BRAND NEW - RB 21 CAROLINE CONTINUES - TAPE 2 90 MINS. £4.95

During December 1991 Caroline has been broadcasting nightly programmes via the Intelsat VA f12 satellite. This 90 minute tape features good quality recordings from those satellite broadcasts Steve Conway and other Caroline deejays.

#### BRAND NEW - RB 22 CAROLINE CONTINUES - TAPE 3 90 MINS. £4.95

On the 12th December 1991 Peter Moore made a surprise appearance as a deejay on Caroline's satellite broadcasts to present a programme informing listeners of the latest news about the Ross Revenge in Dover harbour. This tape features that show and more satellite programming.

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HOOP ter ZEE's COLUMN

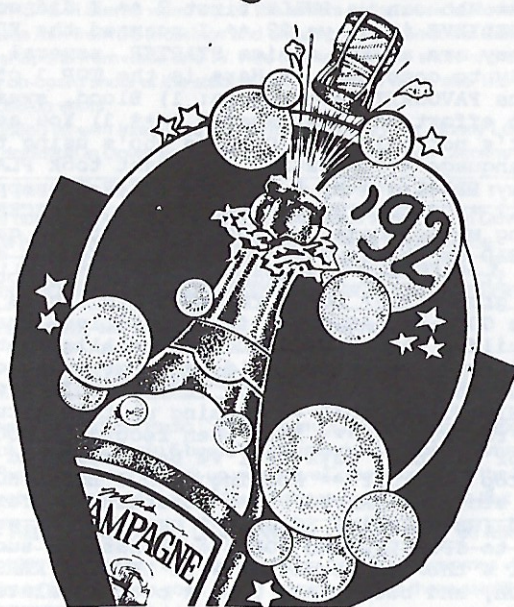
Hello all you JINGLE BALLS \*\* In front of your SW nose is a DOUBLE issue of FRS goes DX \*\* Since this is a DOUBLE magazine (with only 1 front ?) I can do 1/2 a PIECE \*\* \*\* Or ?? \*\* Who can we BULLY first ? \*\* I did some research \*\* Won't BELIEVE it do ya ?? \*\* I scanned the EDITORIALS \*\* Although they are always a nice STARTER, several TOPICS are most likely to come back \*\* Here is the TOP 3 of Verbruggens FAVOURITE statements: 1) Blood, sweat and tears \*\*\*\* 2) No effort has been spared \*\*\*\* 3) You as a listener \*\*\* So, it's not only GOOD OLD Zee who's using the same FUCKING language \*\*\* A rather SAD event took PLACE last month at my PLACE \*\* My L O N G - W I R E snapped !! \*\* Bloody hell \*\* Probably because of lack of RECEPTION \*\*\*\* One morning when I came out into my beautiful garden, there is was, DEAD on the lawn \*\*\* Of course, YOU as a SW listener KNOW what it is, this sad sight of an aerial not hanging ABOVE the ground \*\*\*\* Do ya remember g.o. Chris ? \*\* He's one of the GOOD FELLAS who left the station, that is the MAG, to build a FAMILY \*\* WORD up: The All Mighty (or his wife) delivered his third child \*\* Congratulations to Chris \*\* Seems he has settled down on FERTILE SOIL now taking care of THIS MORTAL COIL \*\* Comming up this Saturday the g.o. XMAS recordings \*\*\* I've been recording TOO MUCH XMAS records for the past days \*\* I've been degraded to LOCAL XMAS nonstop recorder \*\* Rocking with I'LL BE HOME FOR CHRISTMAS etc. \*\* Anyway it's something different for a change and (watch this) if OTHERS would do it we'll be listening to SPLENDID and JOLLY combinations such as: Perry Como, Kool & the Gang together with EENZAME KERST by Andre Hazes \*\* Oh, and before Mr. Como a over-modulated YESTERPLAY of course \*\* Anyway I told you ENUFF about local radio last time.. \*\* Nation-wide POWER FM is doing very well \*\* It could well be that in 1992 THEY will be the LEADING SOUND in 'Olland in stead of VERONICA, who's getting OLD \*\* No new BRIGHT NEW STARS on the radio, you see \*\* You can't keep on depending on BART VAN LEEUWEN and ERIK DE ZWART, who still has to make his first real WHIMSEY remark \*\* A nice TRANSFER would be big L Lagarde and van Inkel to POWER \*\* Our TROS could DUMP their radio jocks at the Laapersveld since the management is no longer interested in radio \*\* If they WOULD be, they'd never hired Mr. Krabbe our Mr. Teekamp \*\* BEL EN WIN SPEL \*\* Ya dig, if you keep UPDATED with this column, you can keep up your DUTCH \*\* So, that MUST be it for this year \*\* Have a nice Christmas and see ya all next time when the ZEE-MAN strikes back \*\* Enjoy your XMAS presents \*\* Try to TRANSFORM your TRANSFORMER into a RECEIVER !! \*\* TRaaaaaaansFORM ! \*\* Whoops GRUNDIG SATELLITE \*\* Now for the RUBBER MAMA \*\*

*Hoop ter Zee*



# FRS

## Season's Greetings



# HOLLAND

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